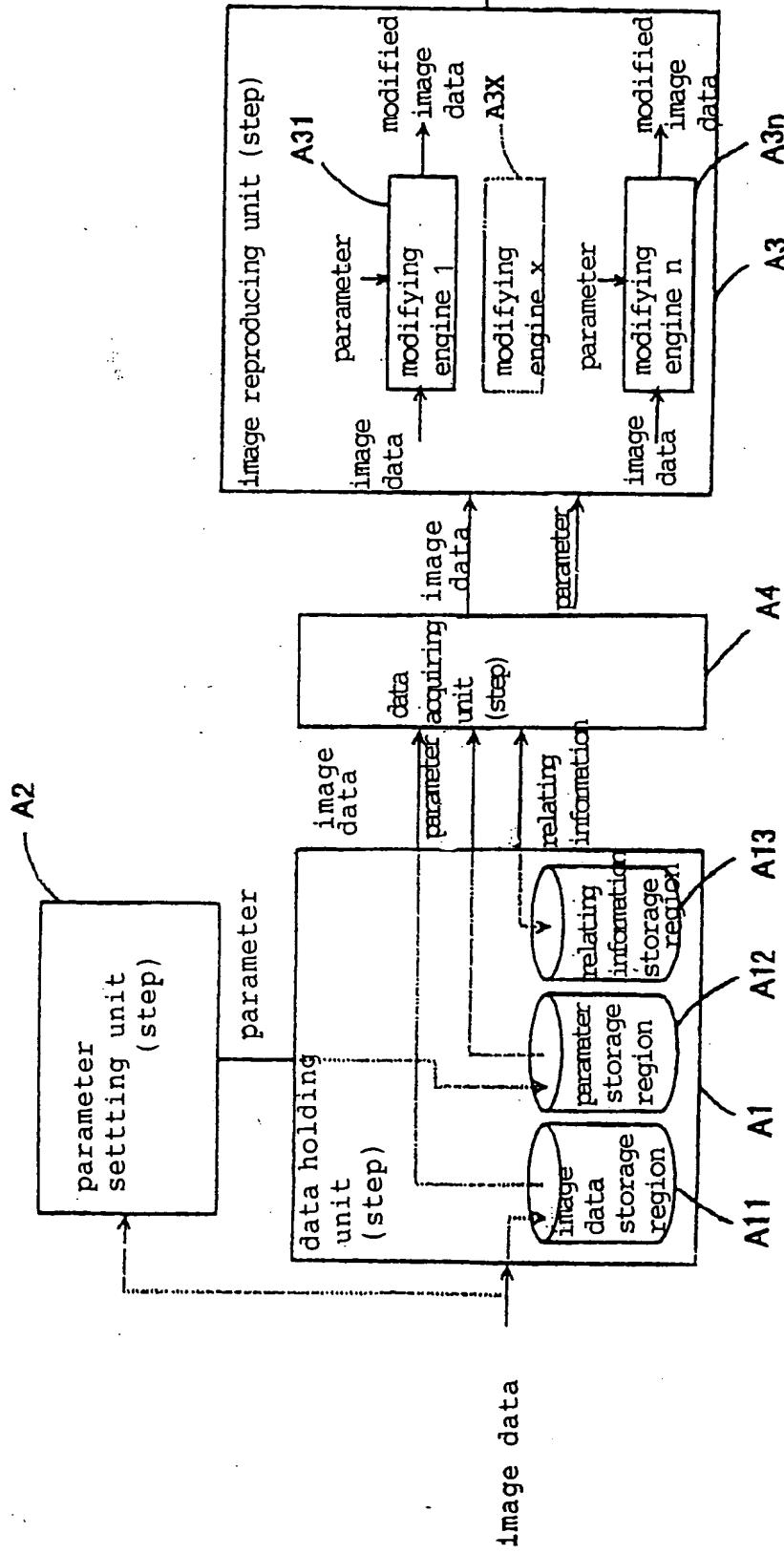


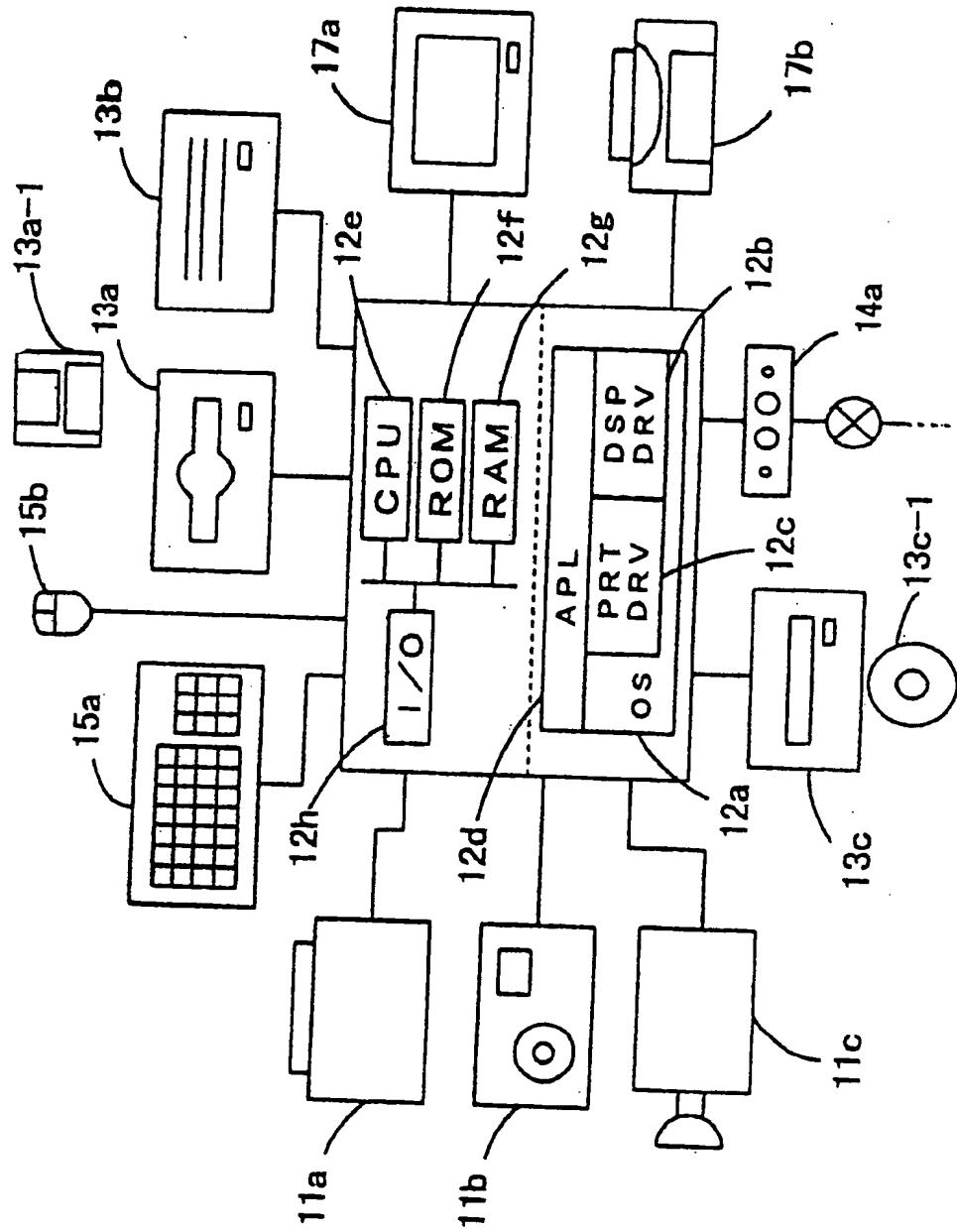
1/62

Fig. 1



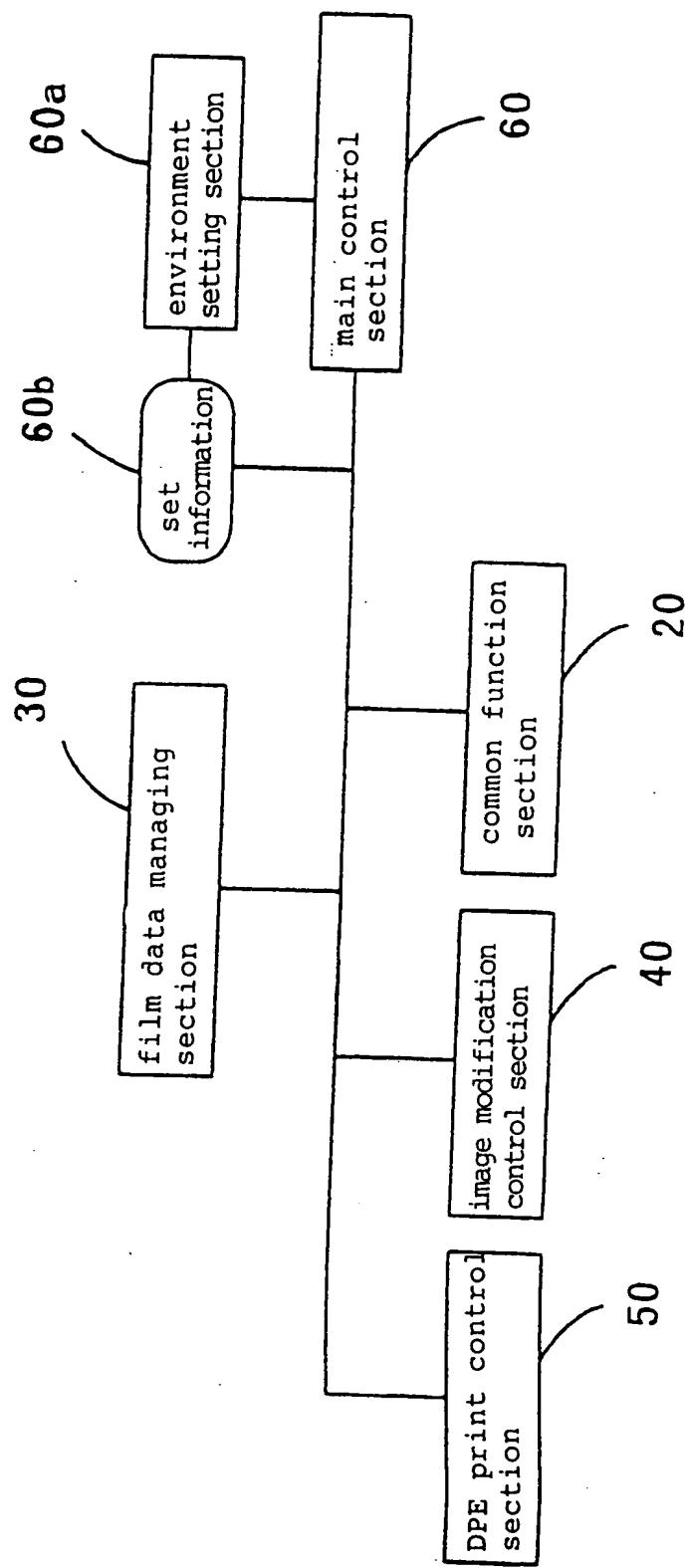
2/62

Fig. 2



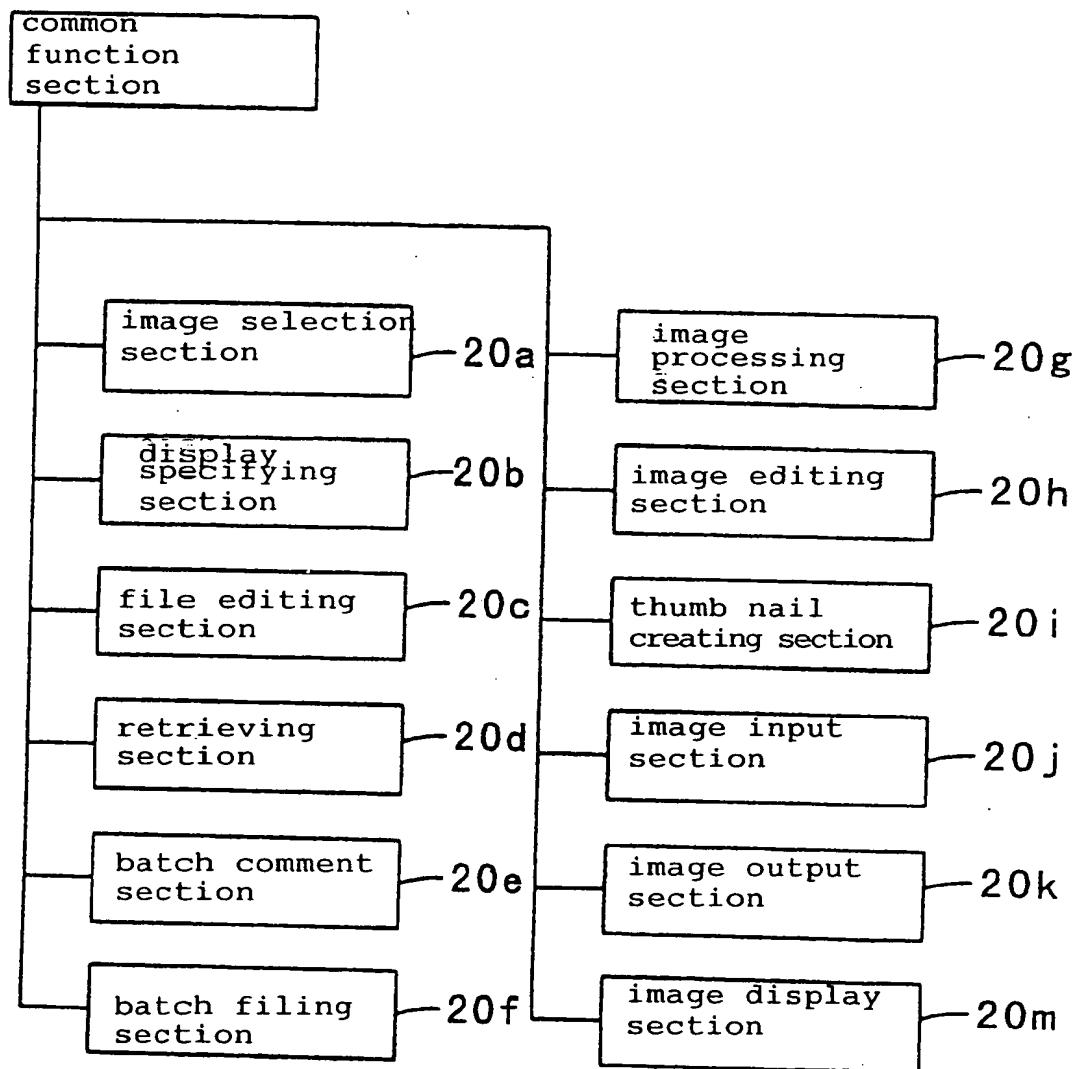
3/62

Fig. 3



4/62

Fig. 4



5 / 62

Fig. 5

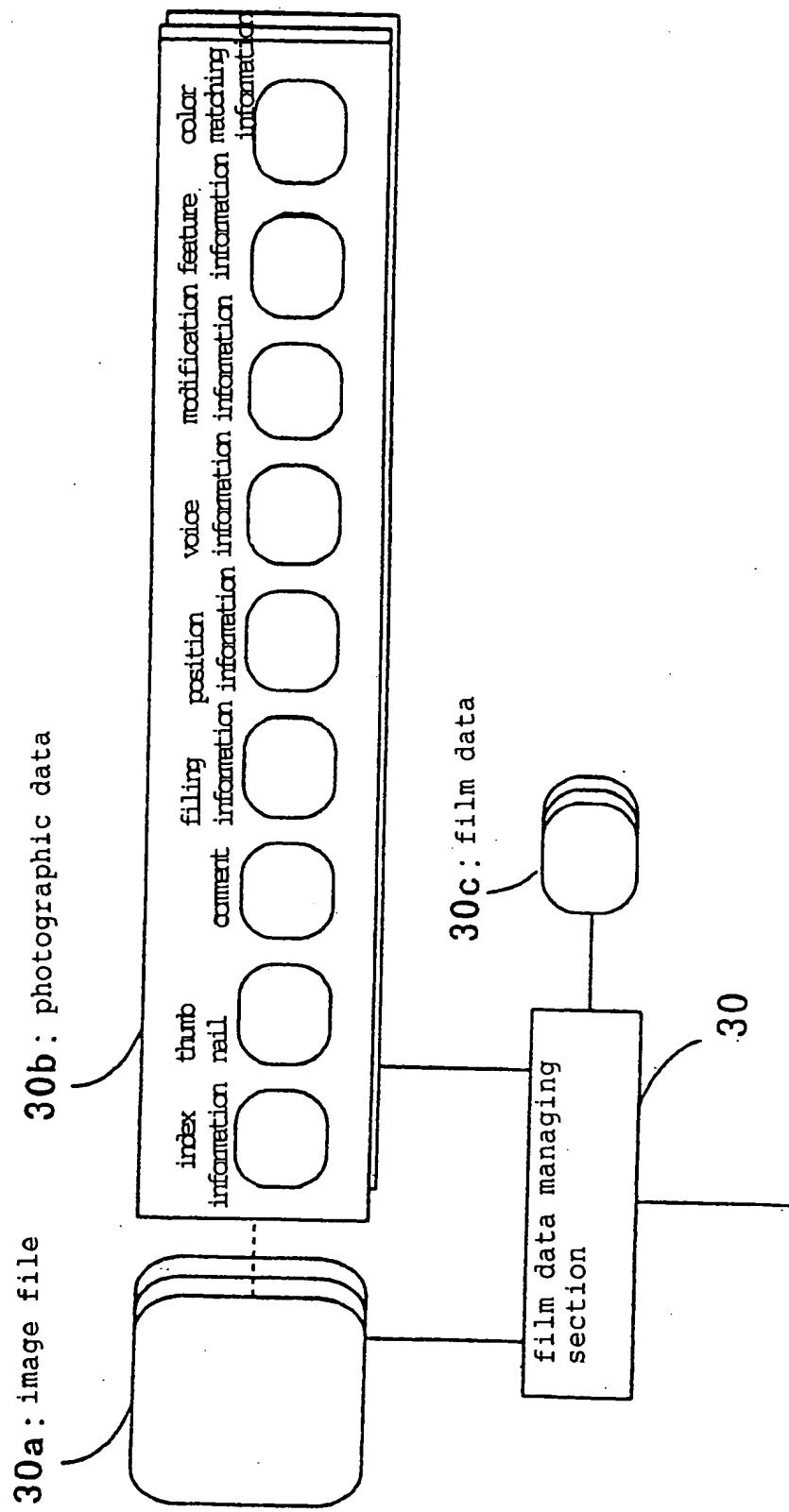
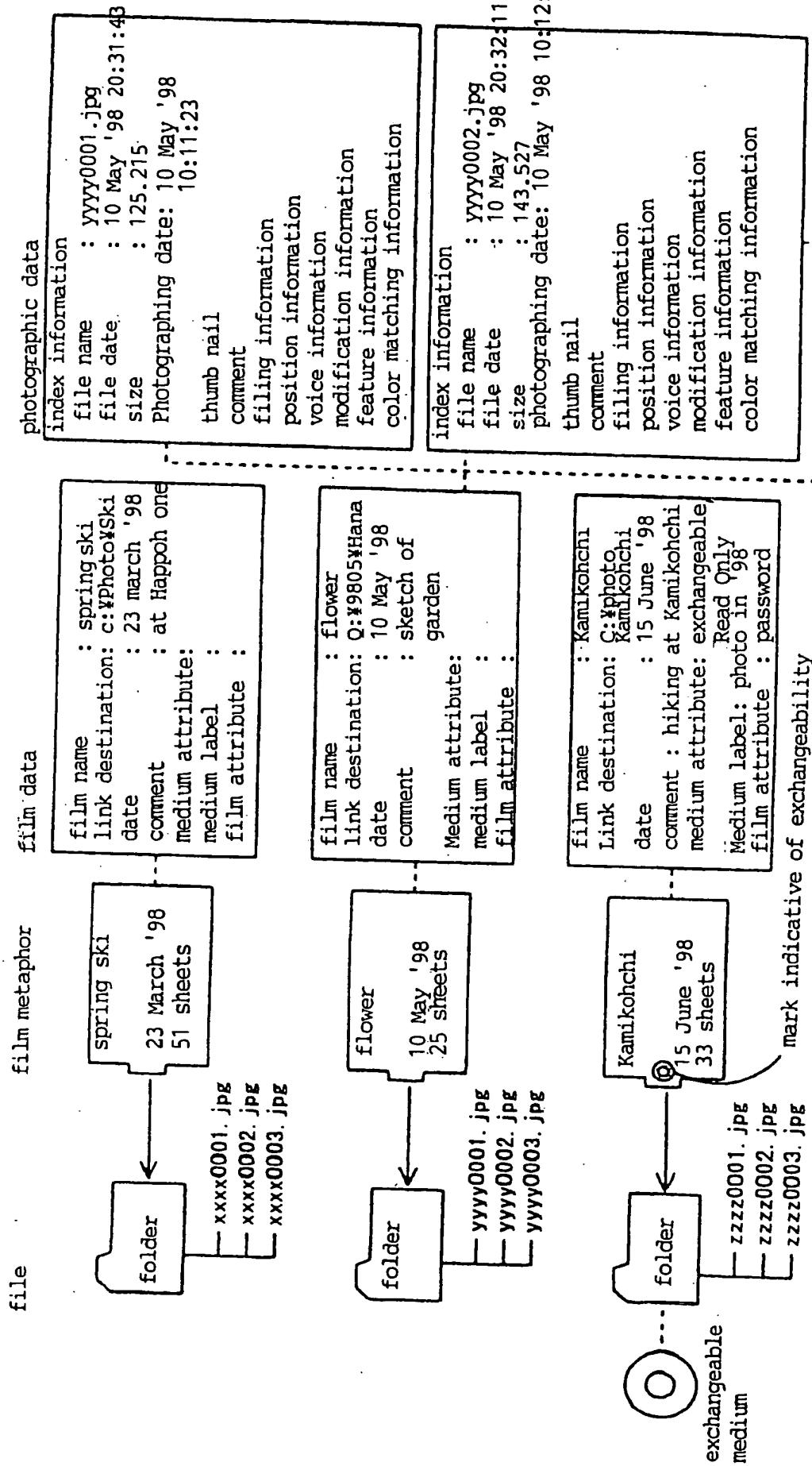


Fig. 6



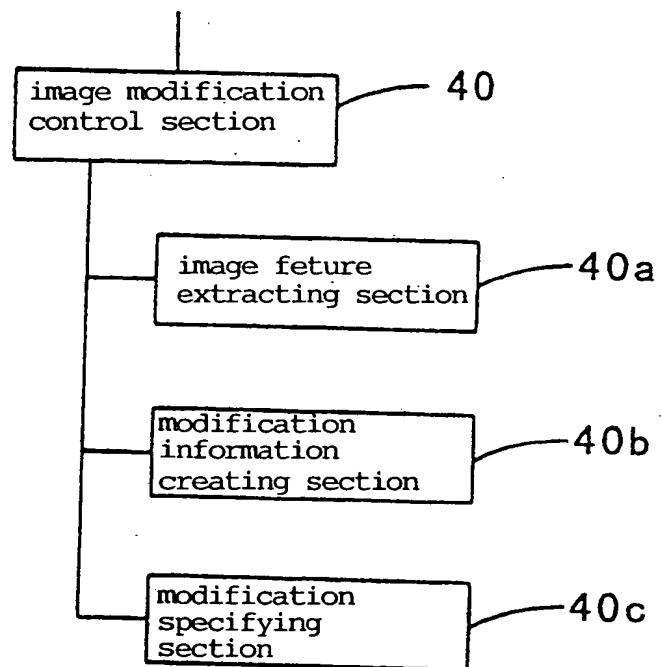
7/62

Fig. 7

```
//  
  
private: attribute  
USHORT m_nMask; // mask flag indicative of effective member  
SHORT m_x1; // trimming start x coordinate  
SHORT m_y1; // trimming start y coordinate  
SHORT m_x2; // trimming end x coordinate  
SHORT m_y2; // trimming end y coordinate  
SHORT m_nRotation; // rotating angle  
SHORT m_nApf; // automatic image modification  
SHORT m_nRed; // red  
SHORT m_nGreen; // green  
SHORT m_nBlue; // blue  
SHORT m_nBrightness; // brightness  
SHORT m_nContrast; // contrast
```

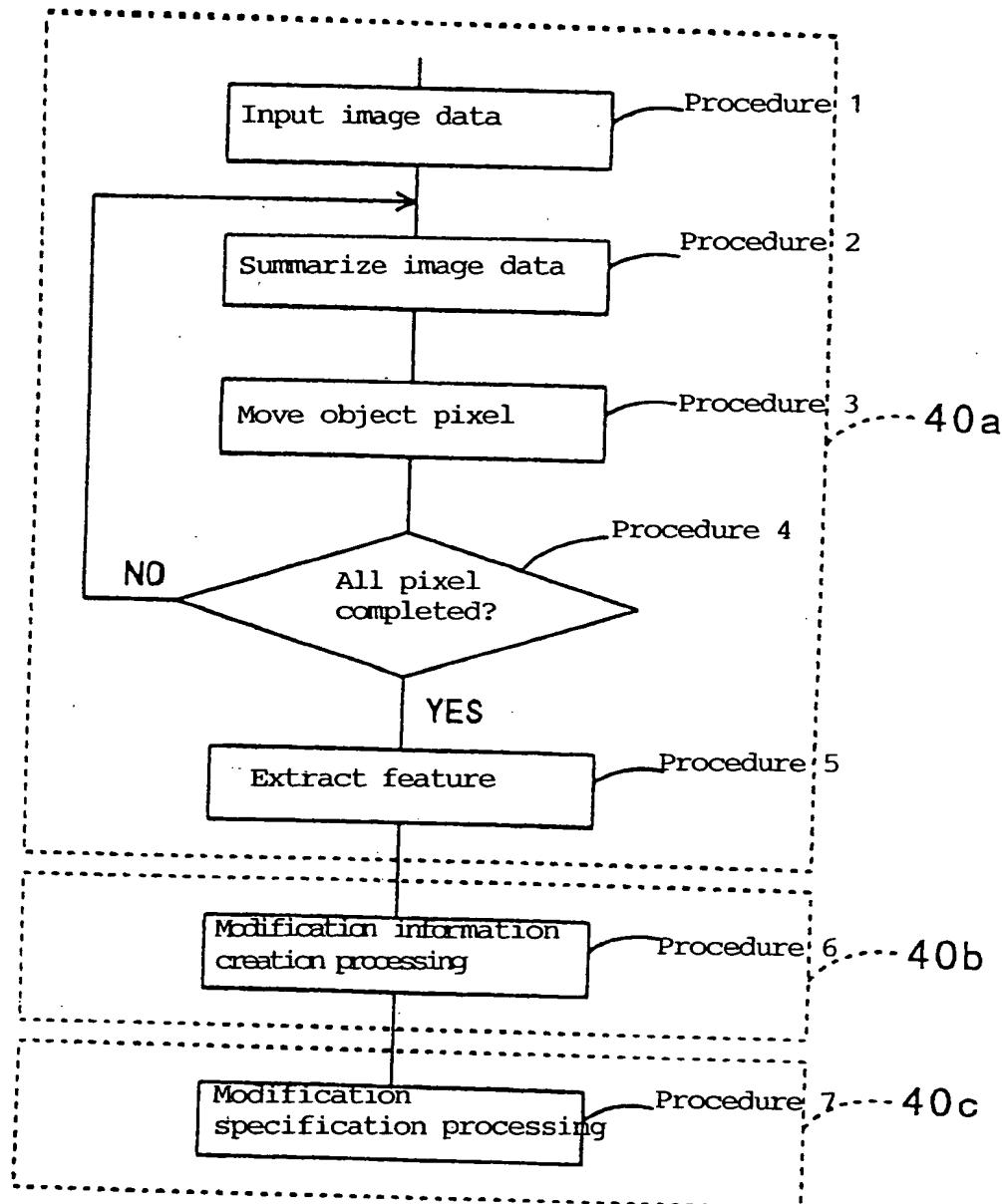
8/62

Fig. 8



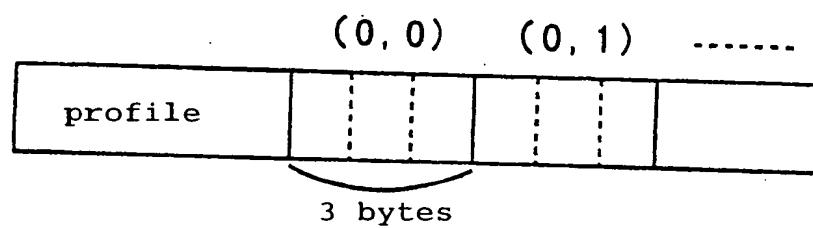
9/62

Fig. 9



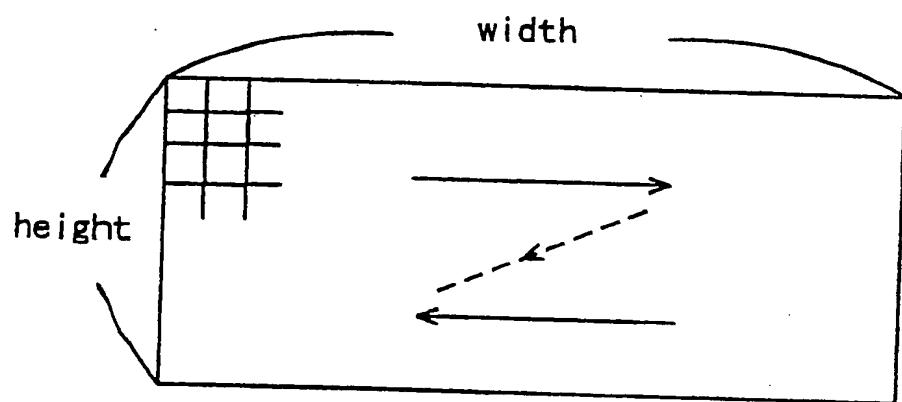
10/62

Fig. 10



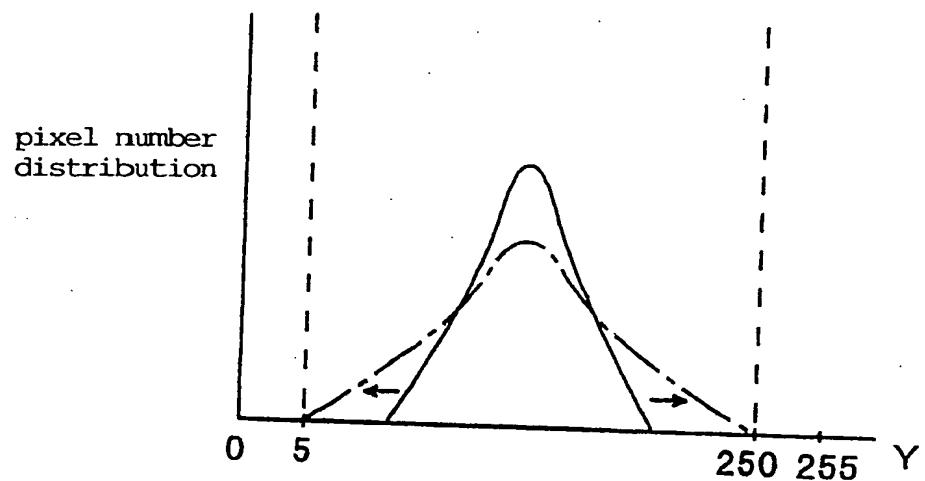
11/62

Fig. 11



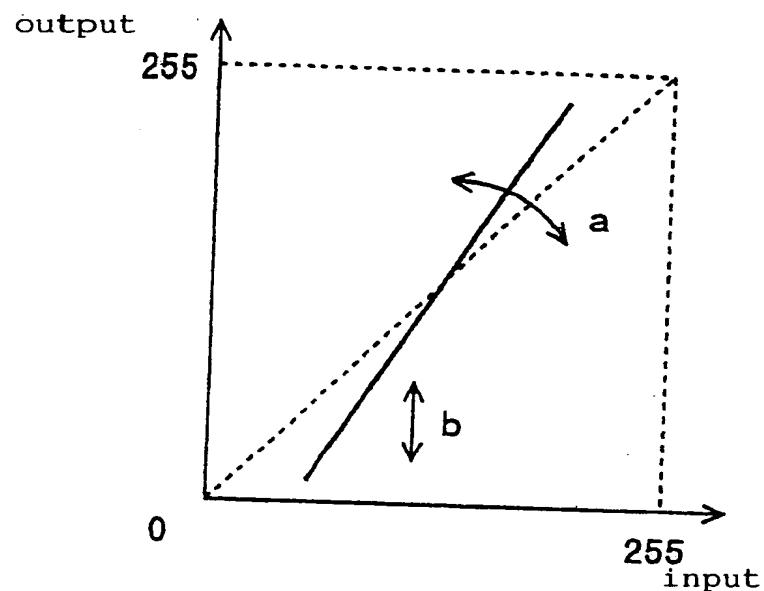
12/62

Fig. 12



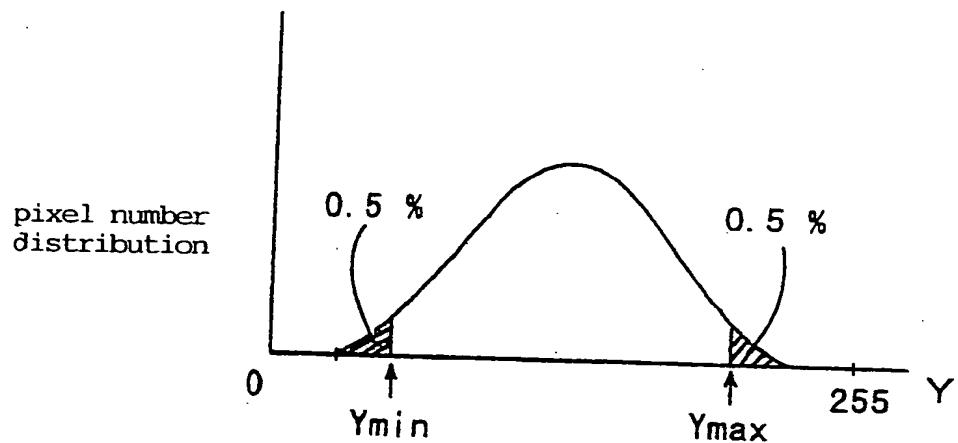
13/62

Fig. 13



14/62

Fig. 14



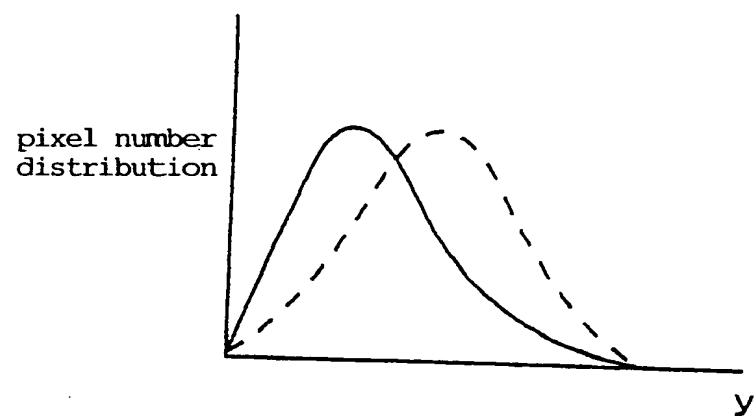
15/62

Fig. 15

y	Y
0	0
Y_{min}	5
...	...
Y_{max}	250
255	255

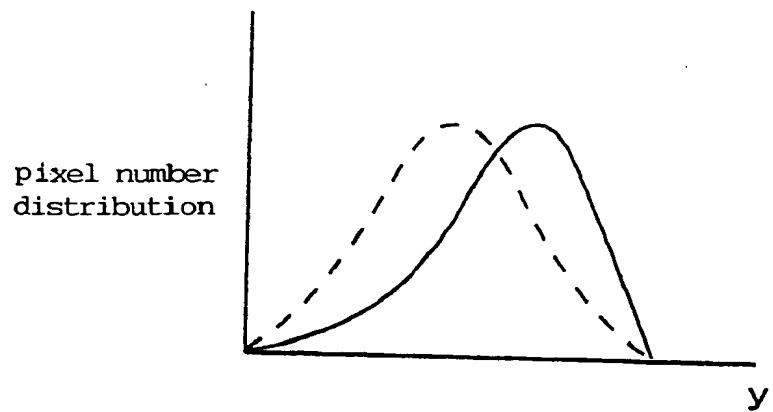
16/62

Fig. 16



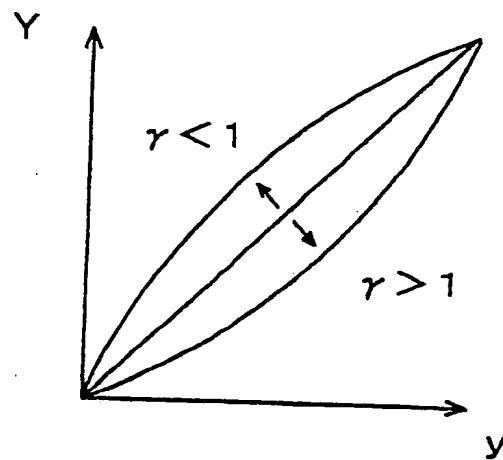
17/62

Fig. 17



18/62

Fig. 18



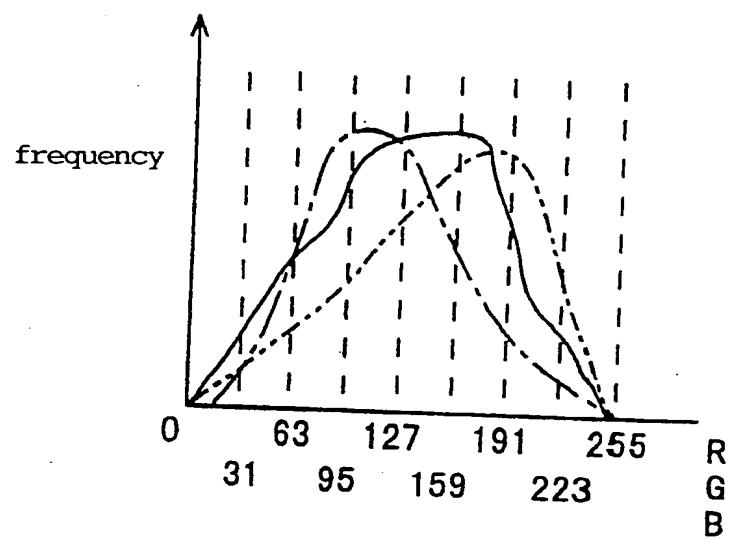
19/62

Fig. 19

$Y_{med_target} - Y_{med}$	γ
+20	0. 80
+15	0. 85
+10	0. 90
+5	0. 95
0	1
-5	1. 05
-10	1. 10
-15	1. 15
-20	1. 20

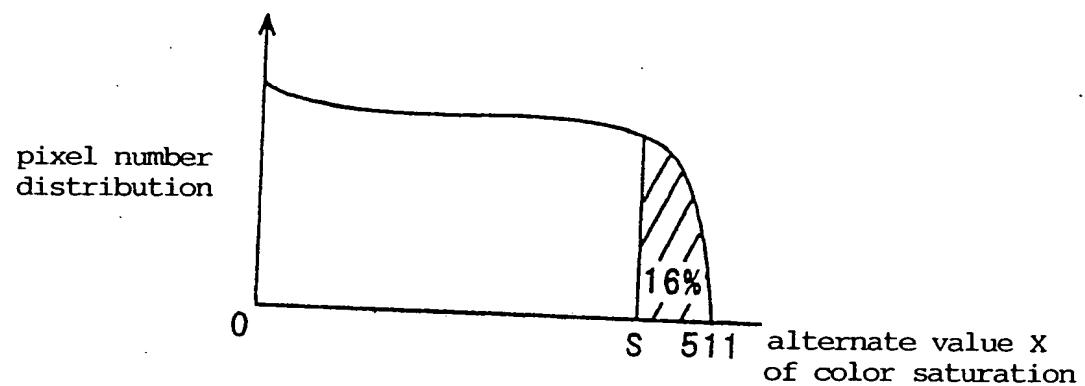
20/62

Fig. 20



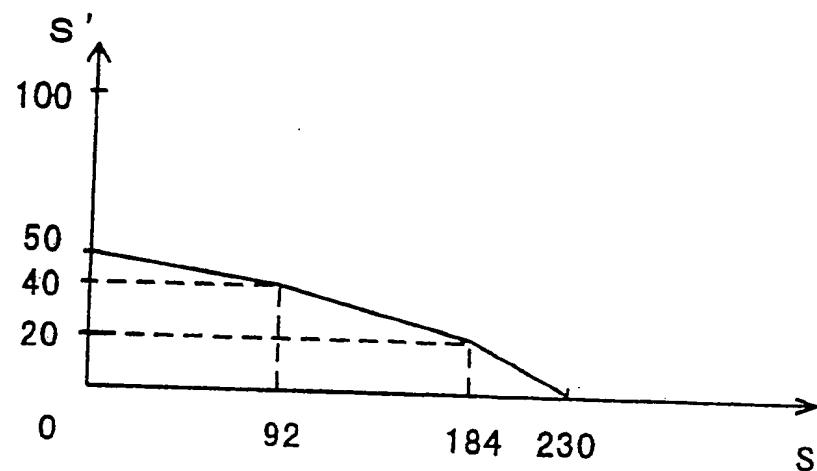
21/62

Fig. 21



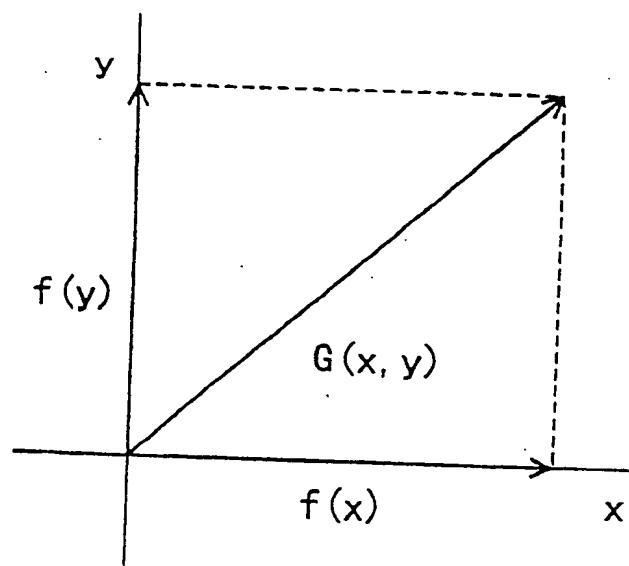
22/62

Fig. 22



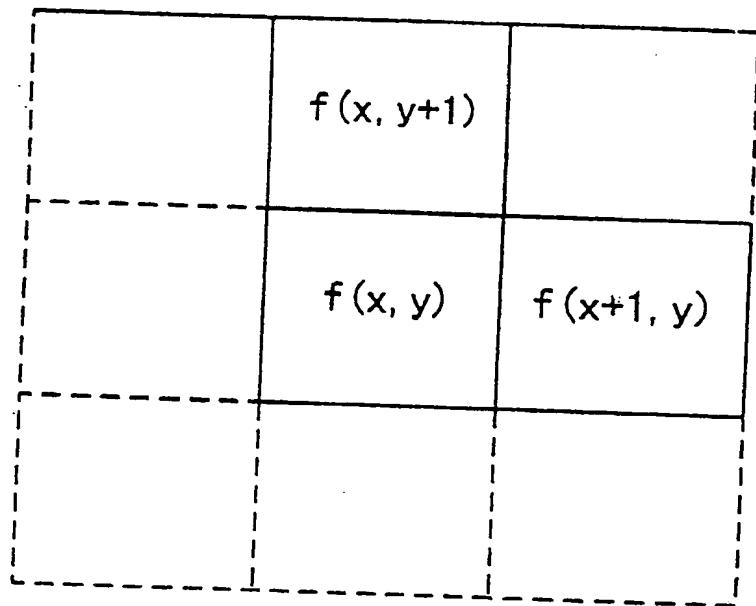
23/62

Fig. 23



24/62

Fig. 24



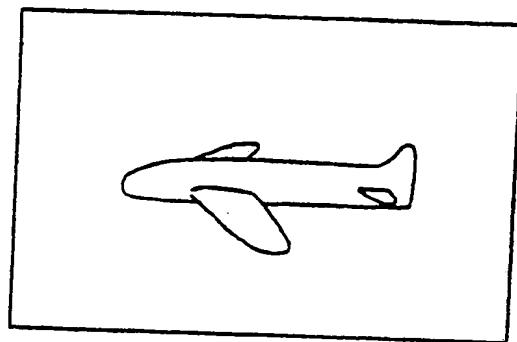
25/62

Fig. 25

$f(x-1, y+1)$	$f(x, y+1)$	$f(x+1, y+1)$
$f(x-1, y)$	$f(x, y)$	$f(x+1, y)$
$f(x-1, y-1)$	$f(x, y-1)$	$f(x+1, y-1)$

26/62

Fig. 26



27/62

Fig. 27

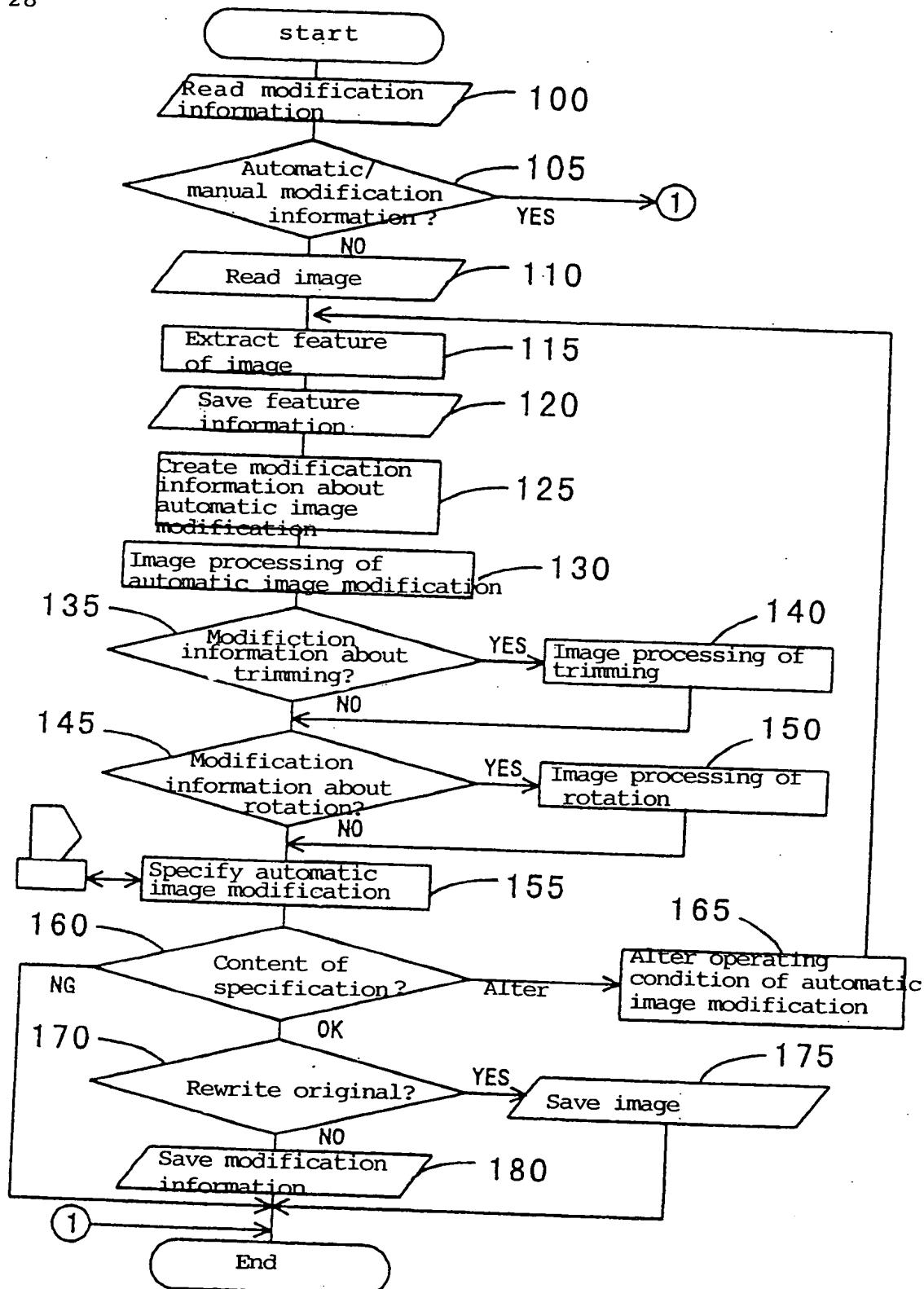
5 × 5

		i=-2	-1	0	1	2	
		j=-2	0	2	4	2	0
		-1	2	20	46	20	2
		0	4	46	100	46	4
		1	2	20	46	20	2
		2	0	2	4	2	0

396

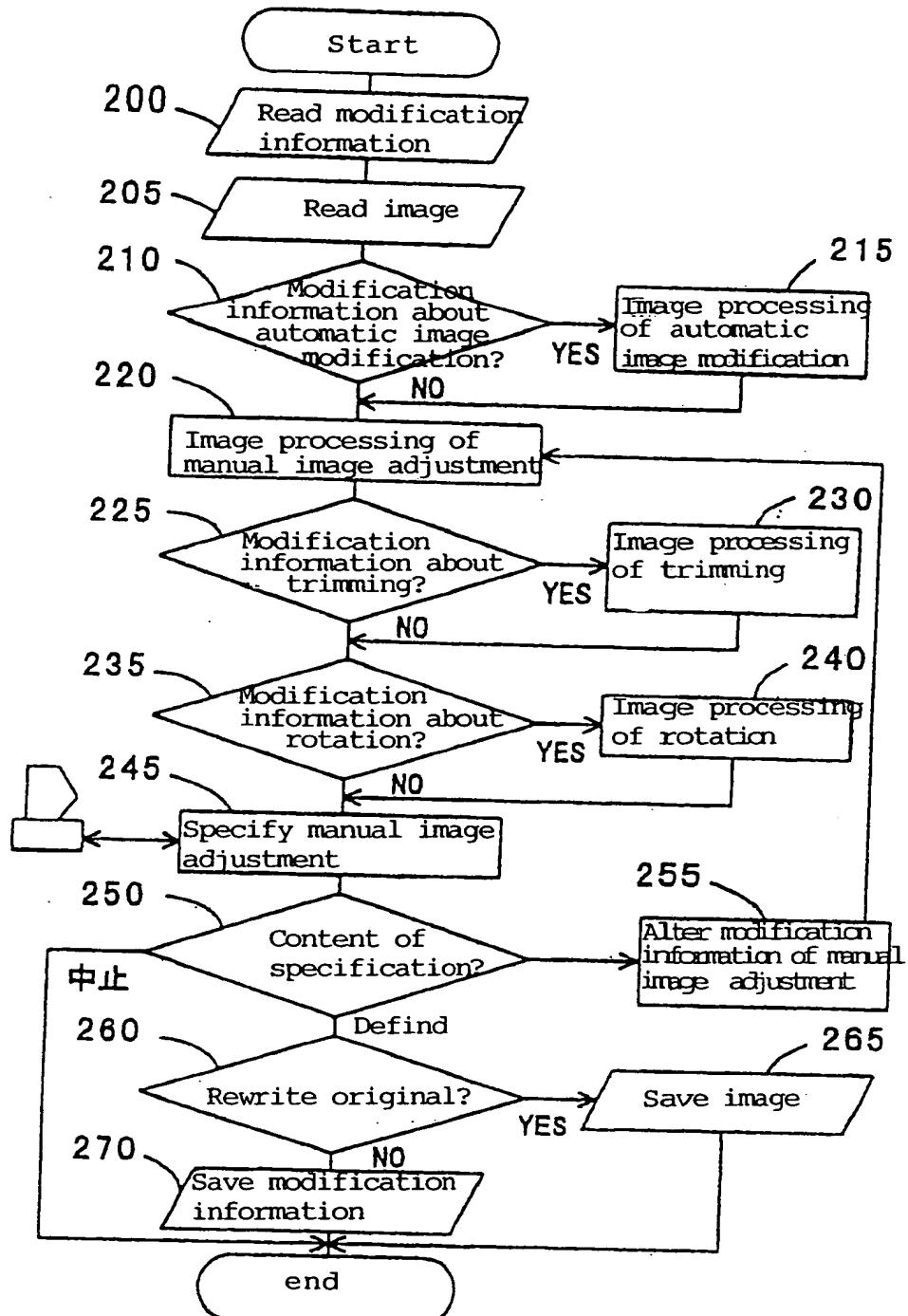
28/62

Fig. 28



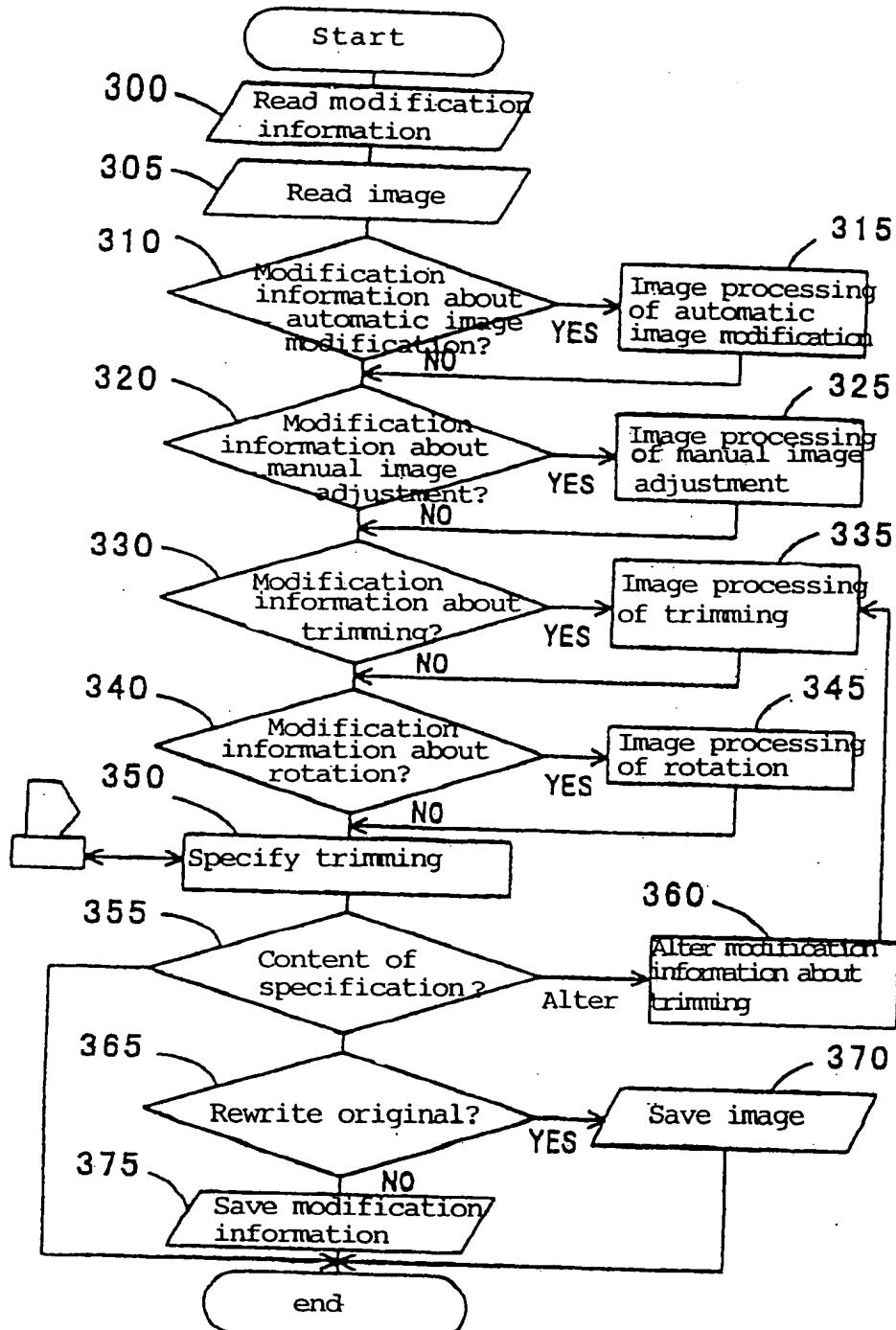
29/62

Fig. 29



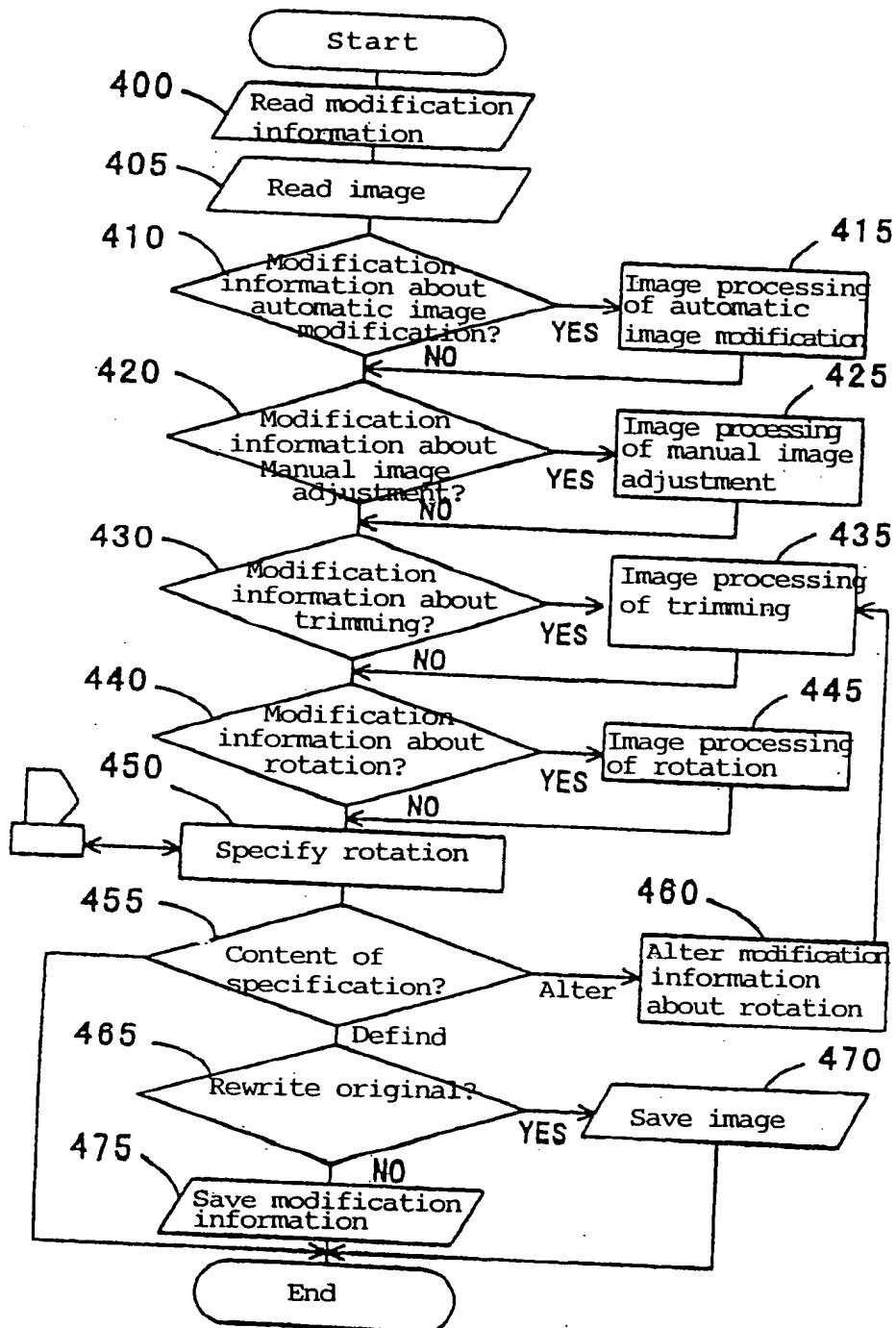
30/62

Fig. 30



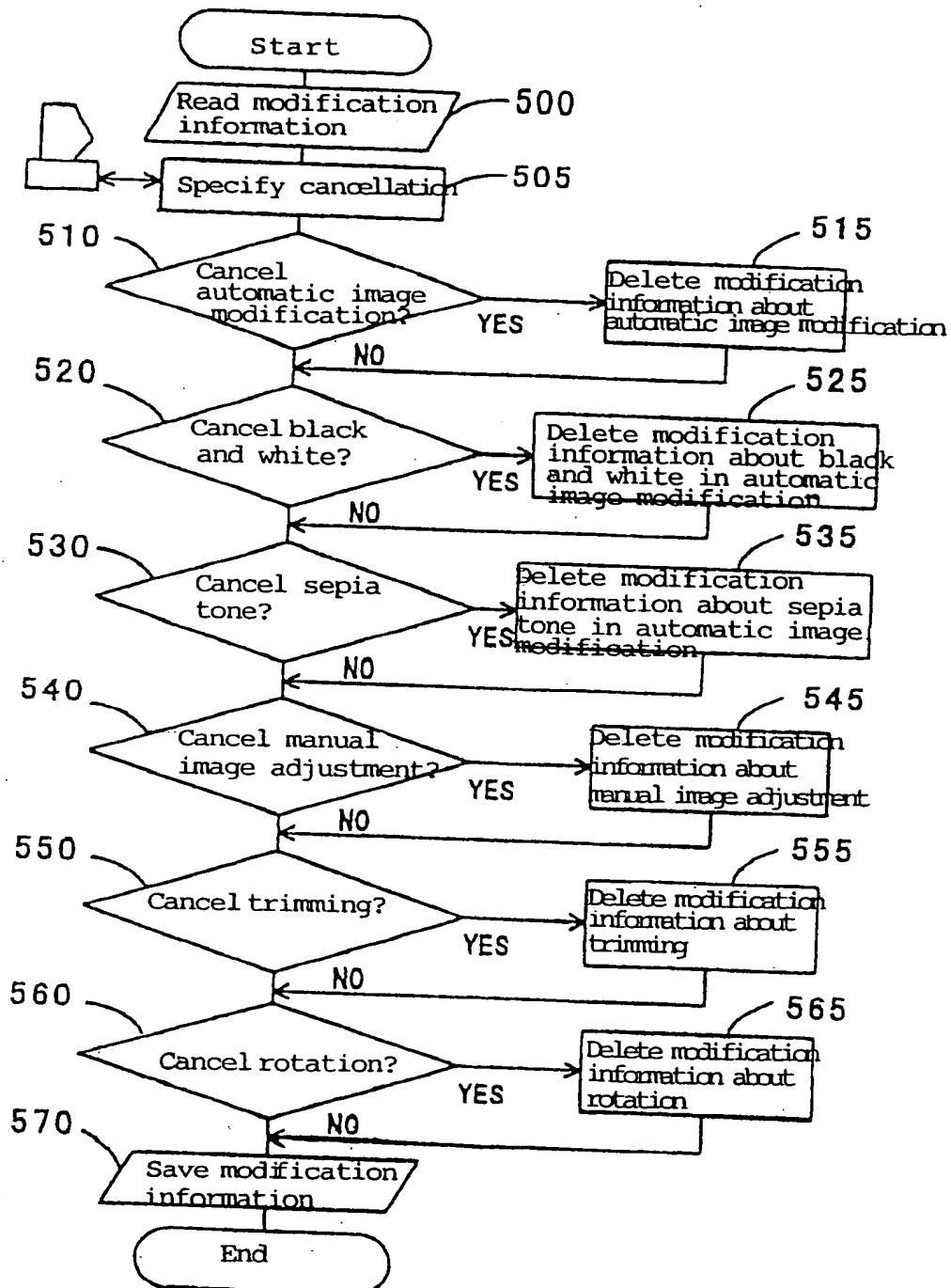
31/62

Fig. 31



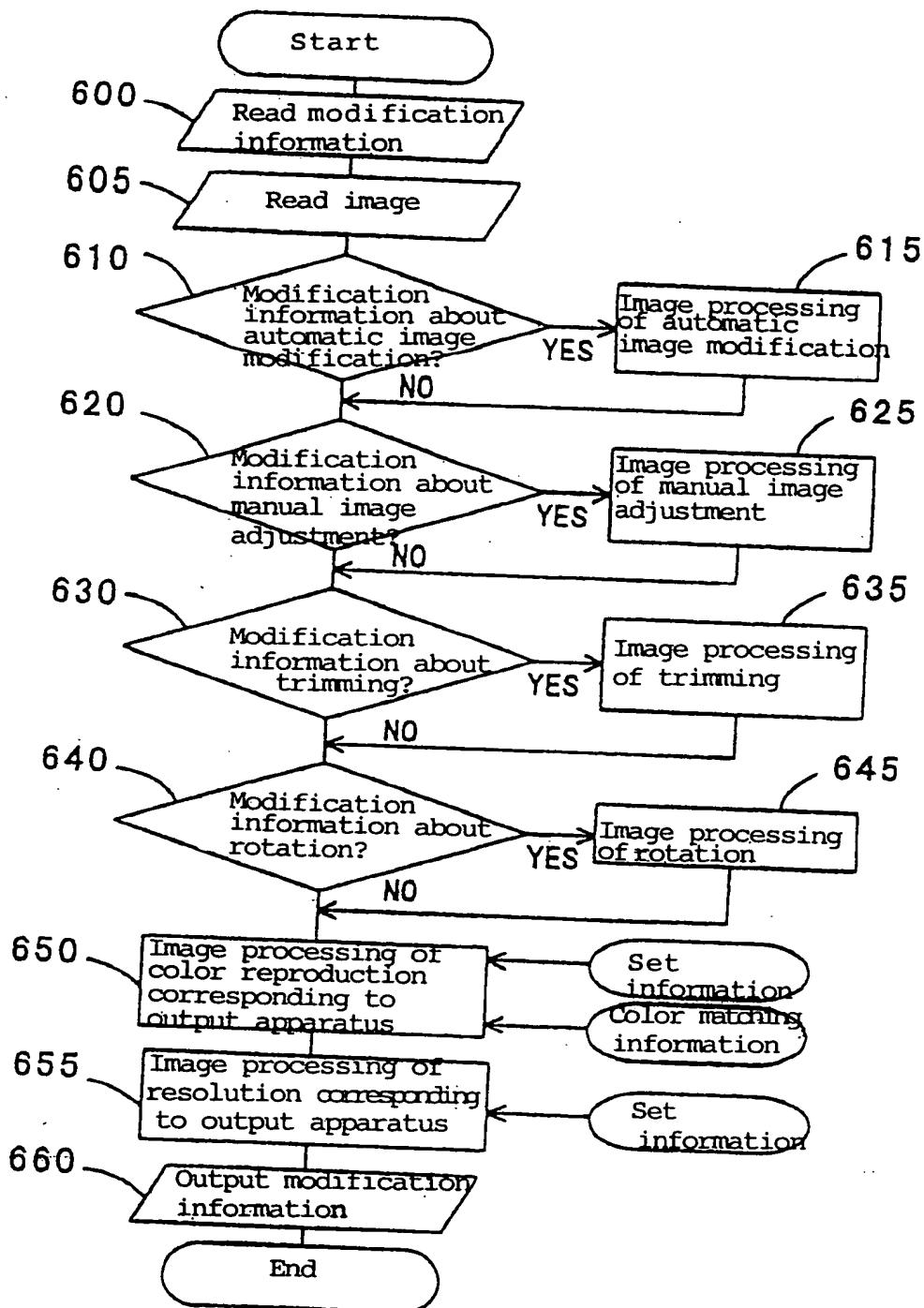
32/62

Fig. 32



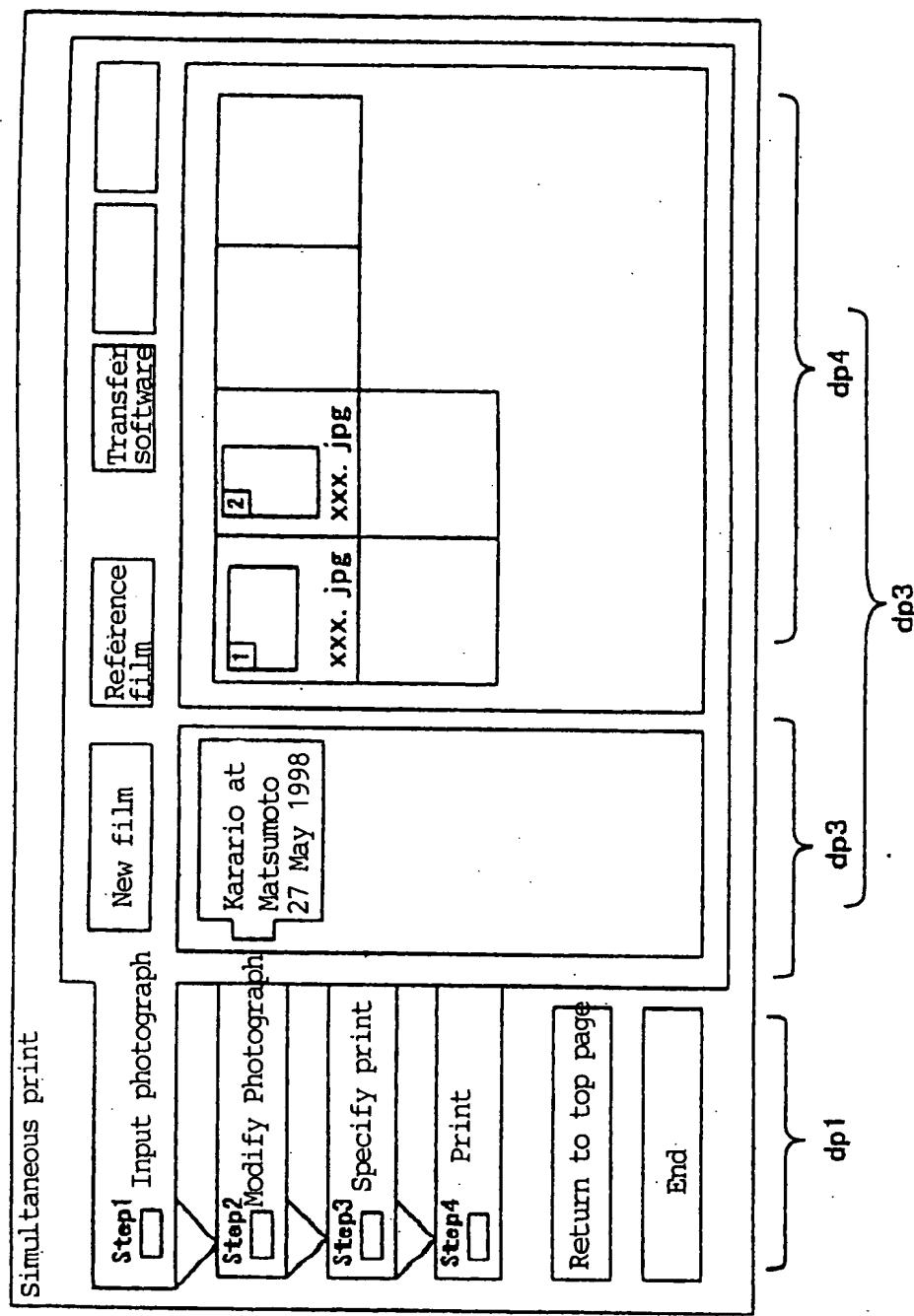
33/62

Fig. 33



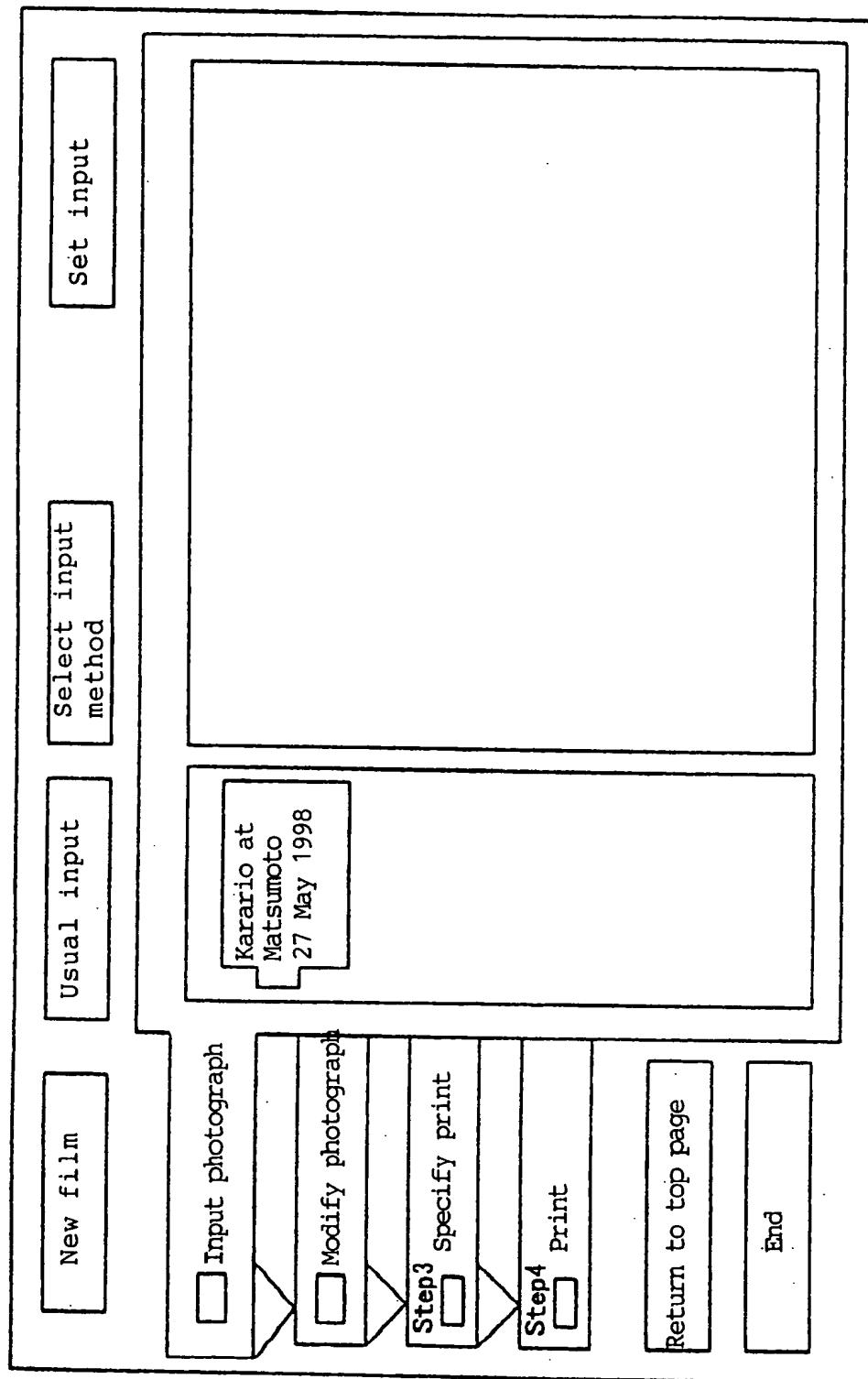
34/62

Fig. 34



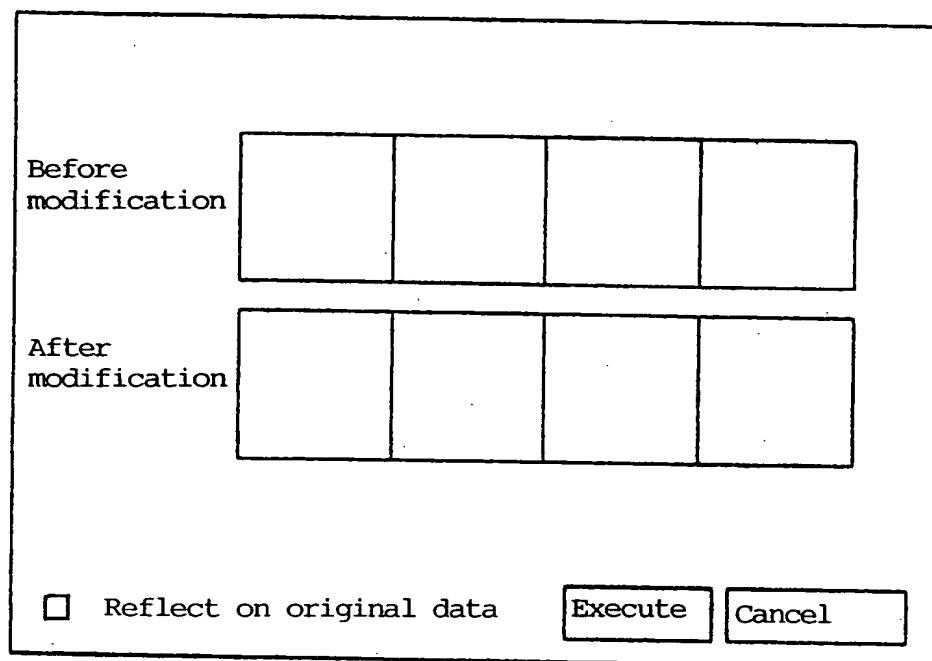
35/62

Fig. 35



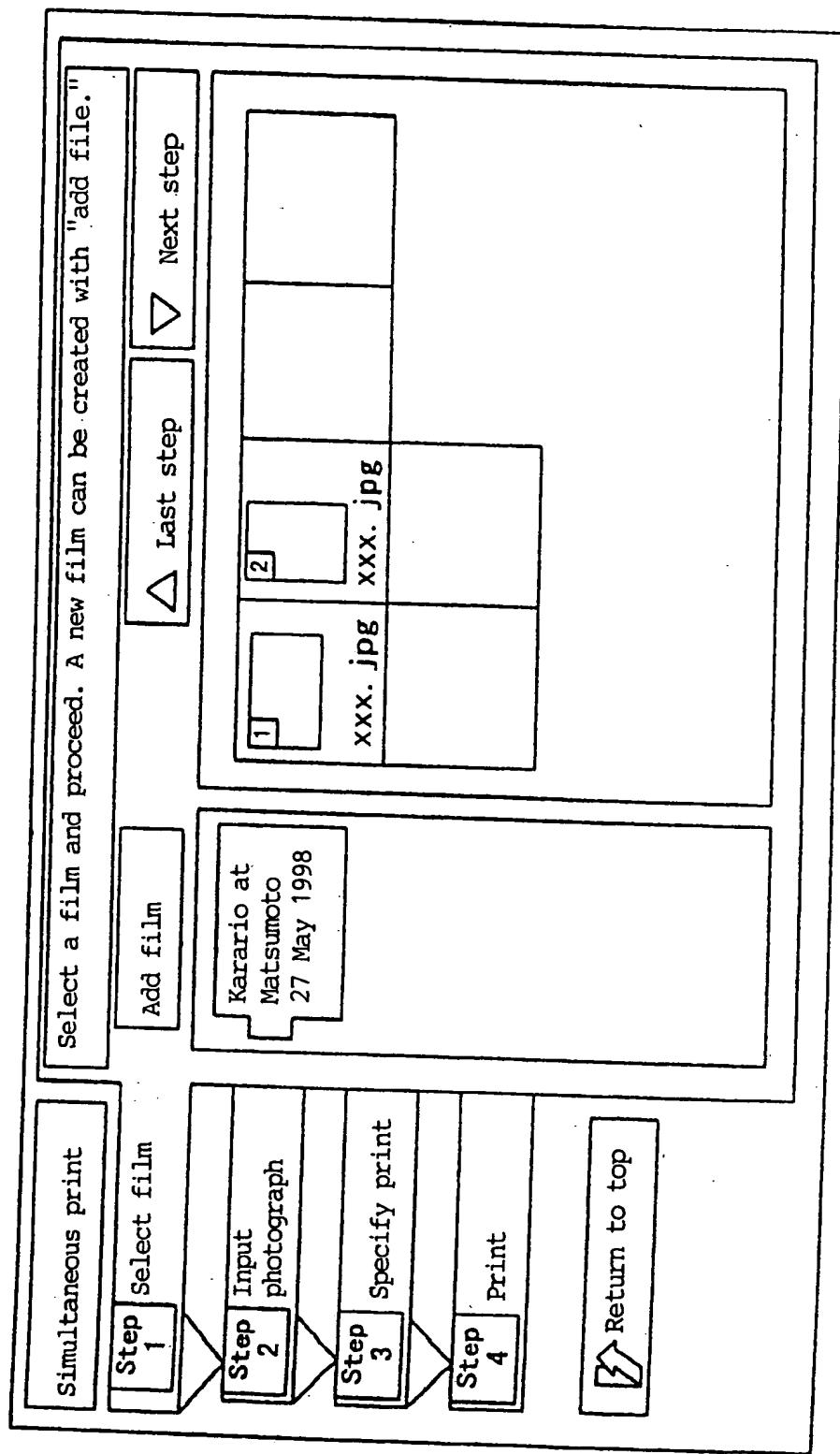
36/62

Fig. 36



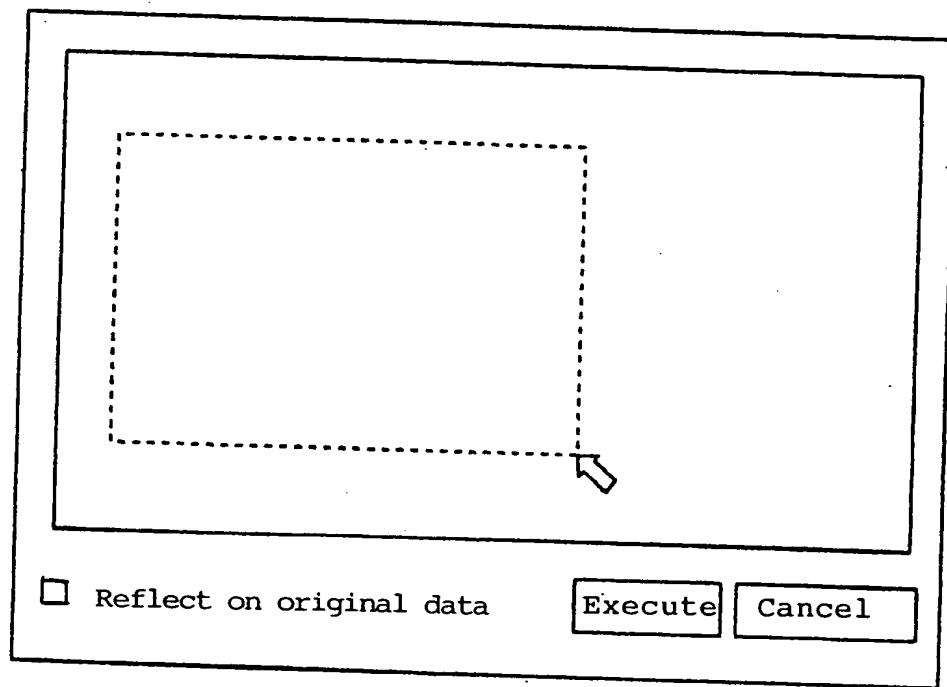
37/62

Fig. 37



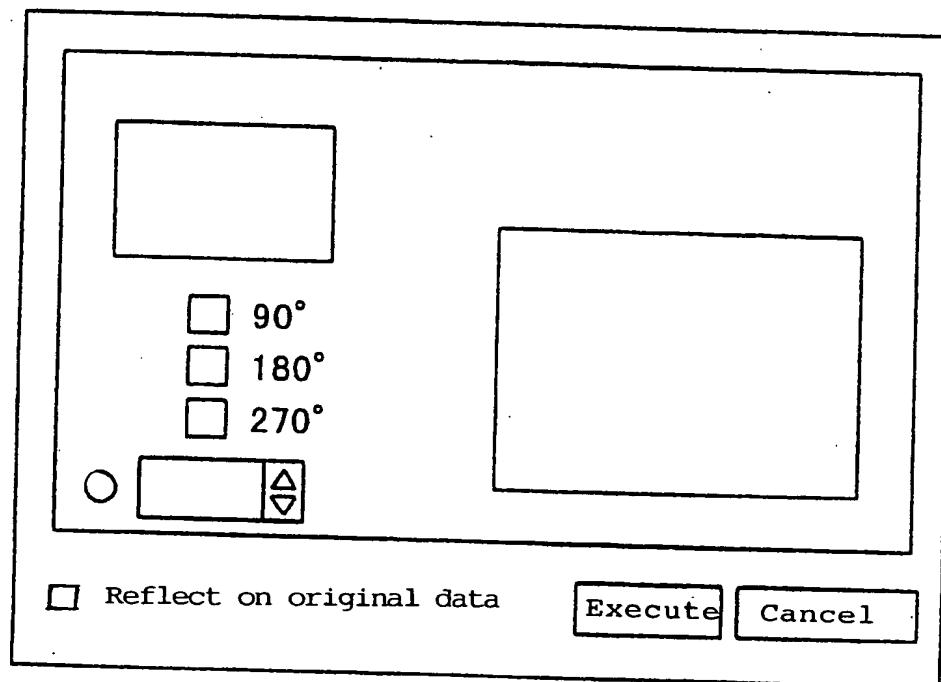
38/62

Fig. 38



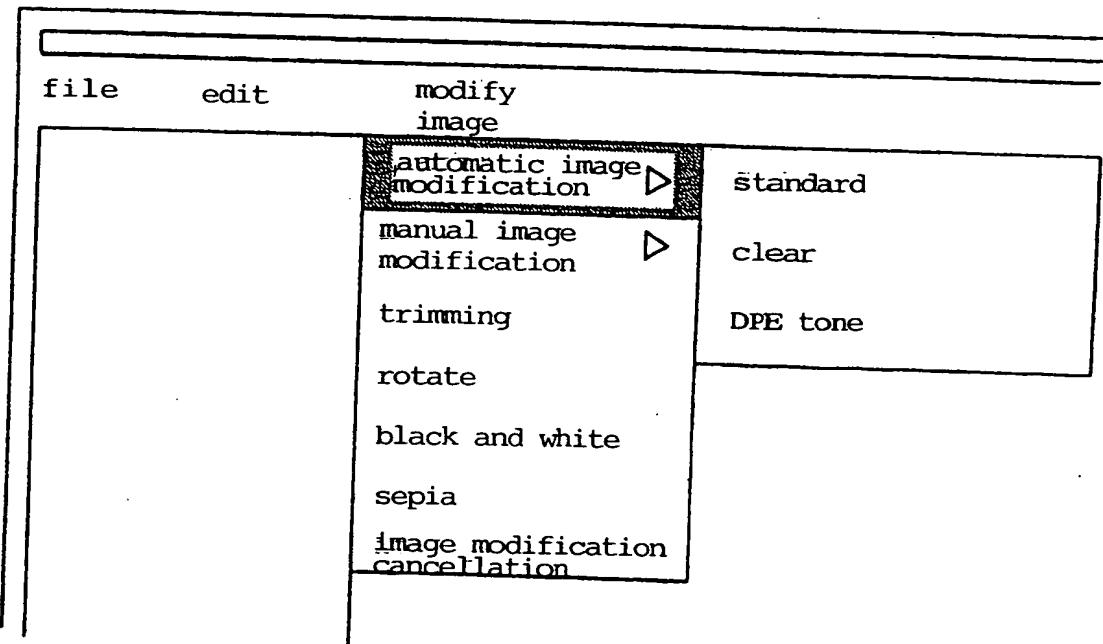
39/62

Fig. 39



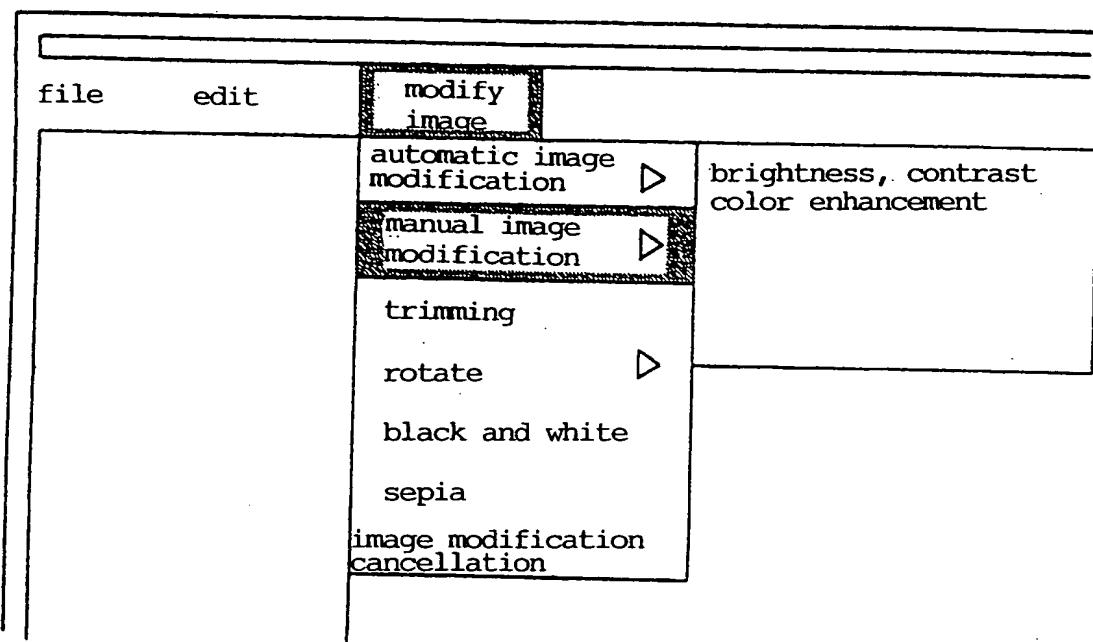
40/62

Fig. 40



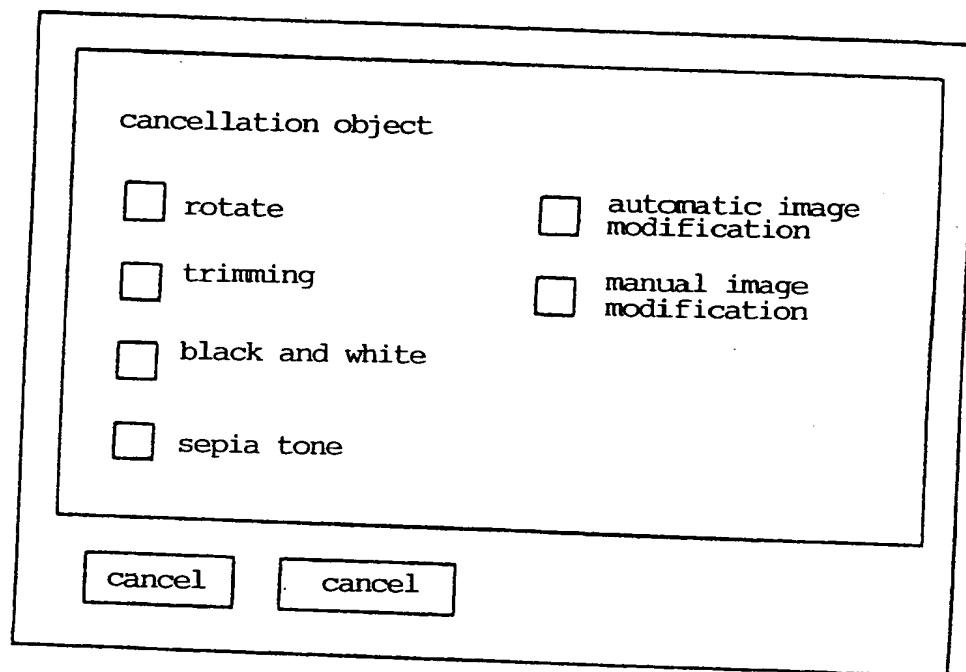
41/62

Fig. 41



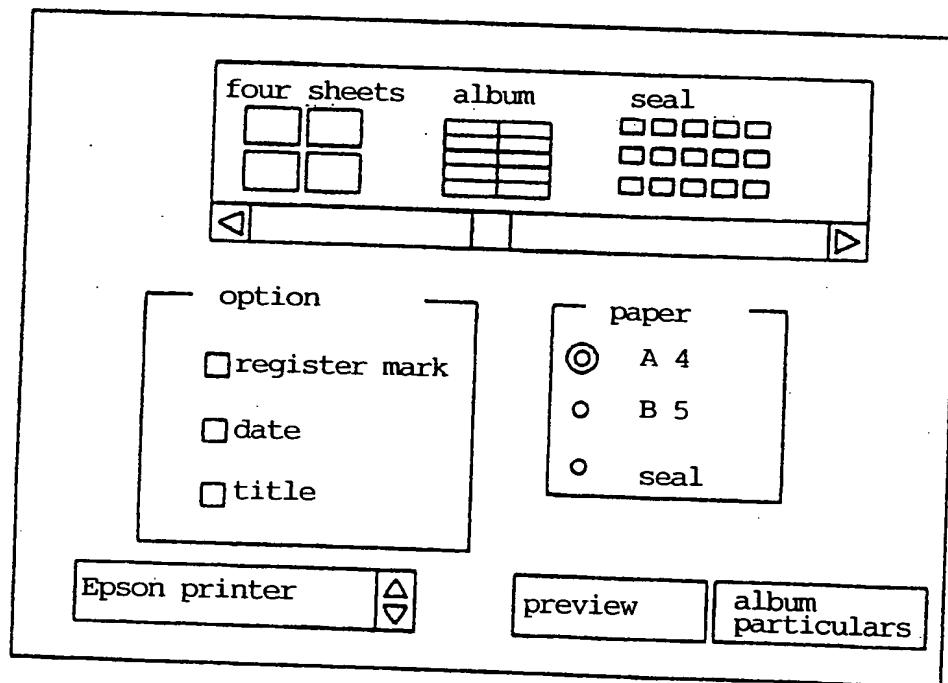
42/62

Fig. 42



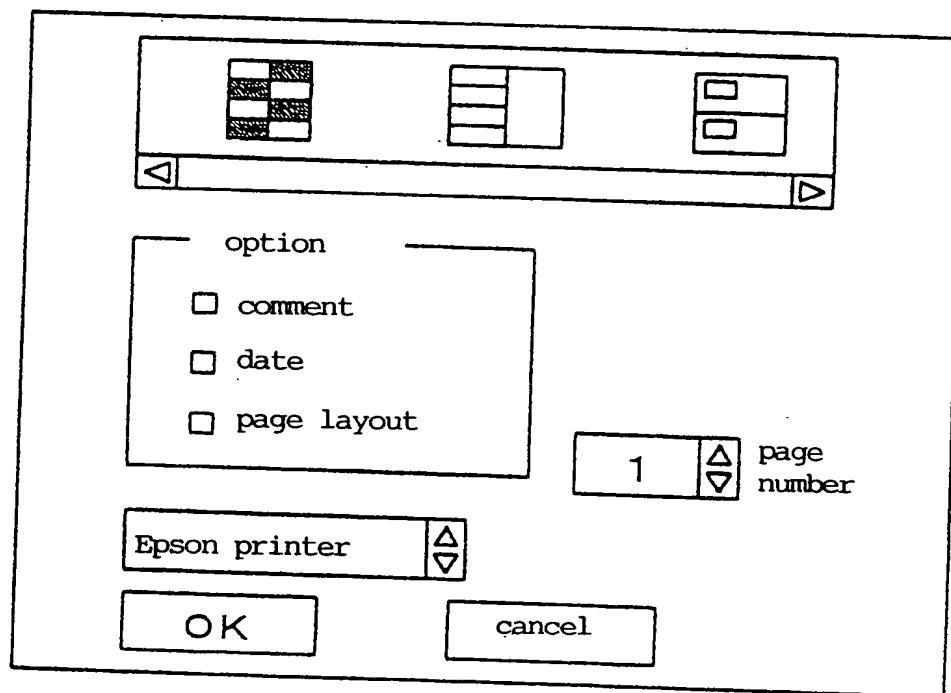
43/62

Fig. 43



44/62

Fig. 44



45/62

Fig. 45

Please confirm the Epson printer is turned on
and five A4 sheets are put in.

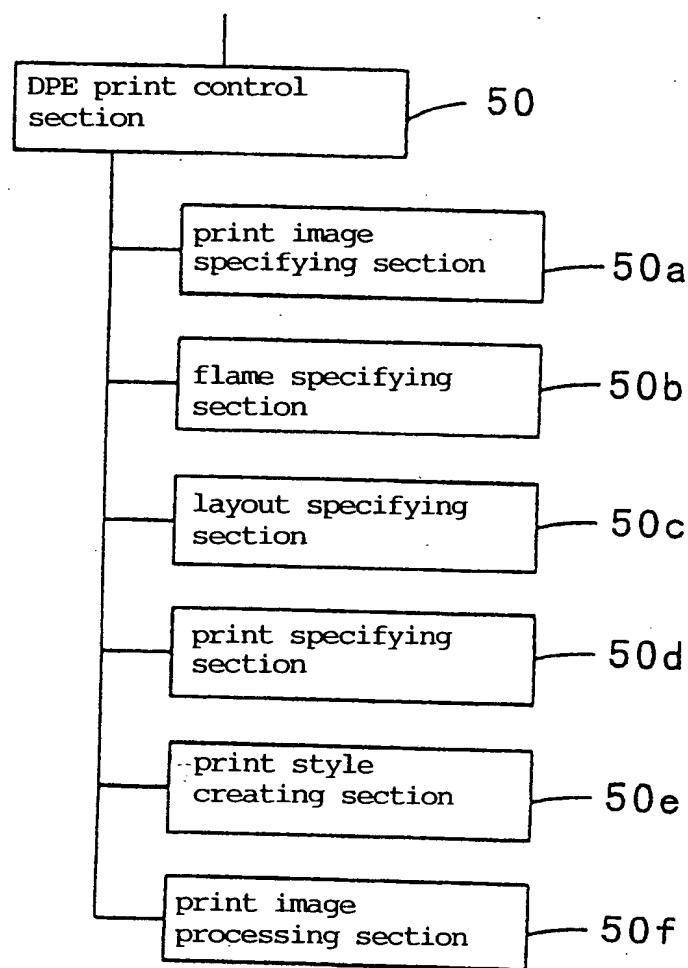
Please click an execute button to start print.

Execute

Cancel

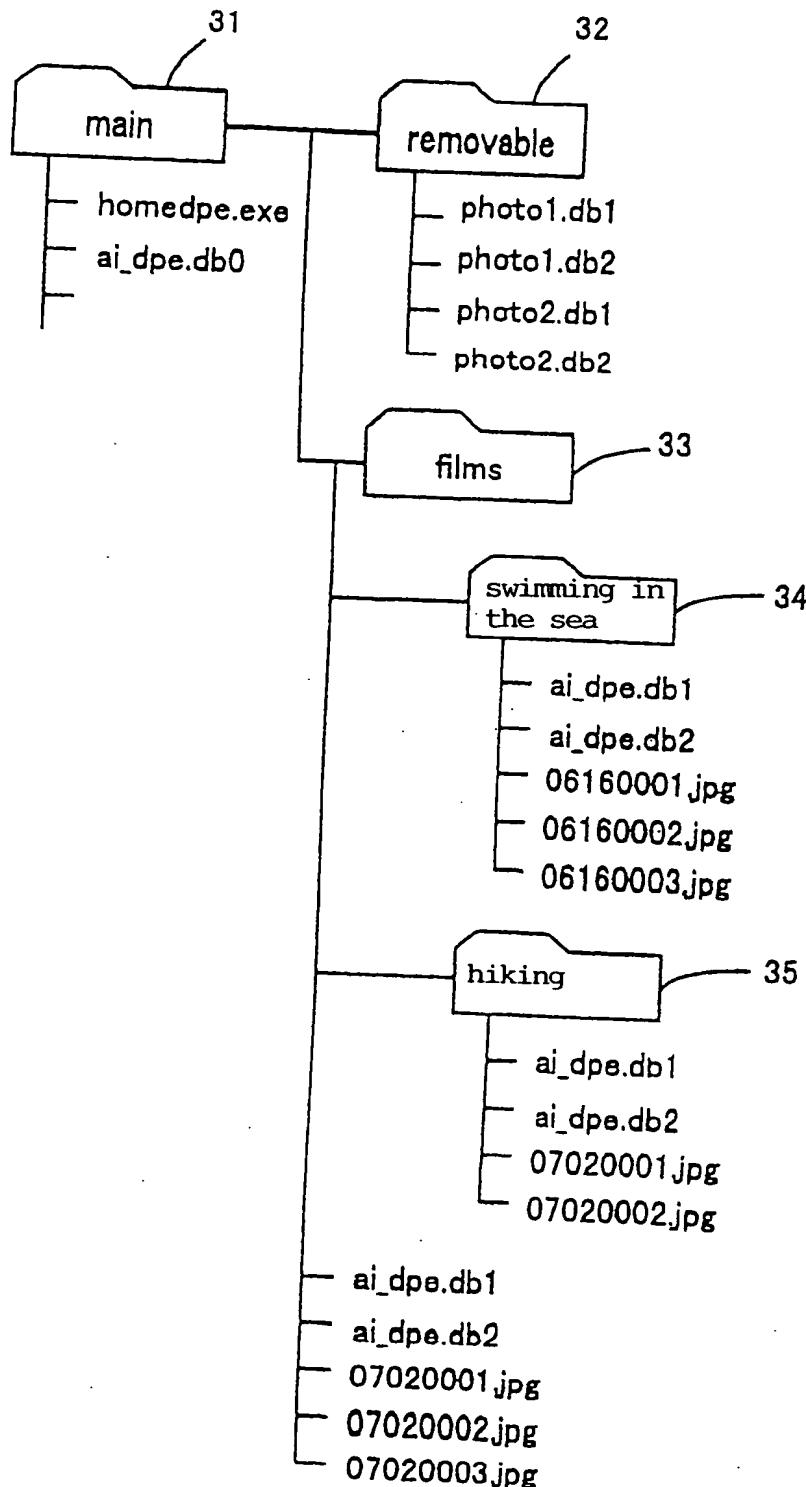
46/62

Fig. 46



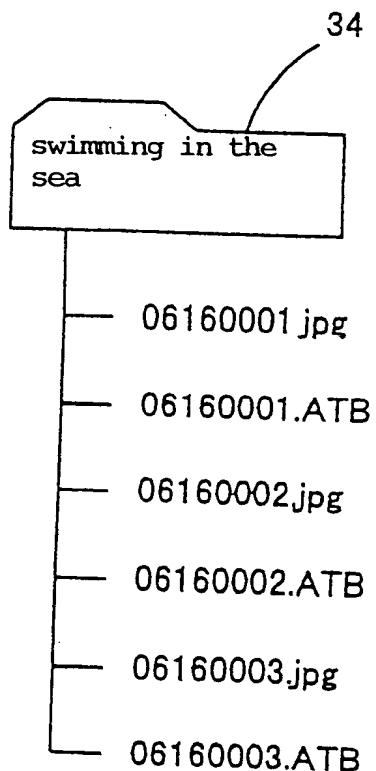
47/62

Fig. 47



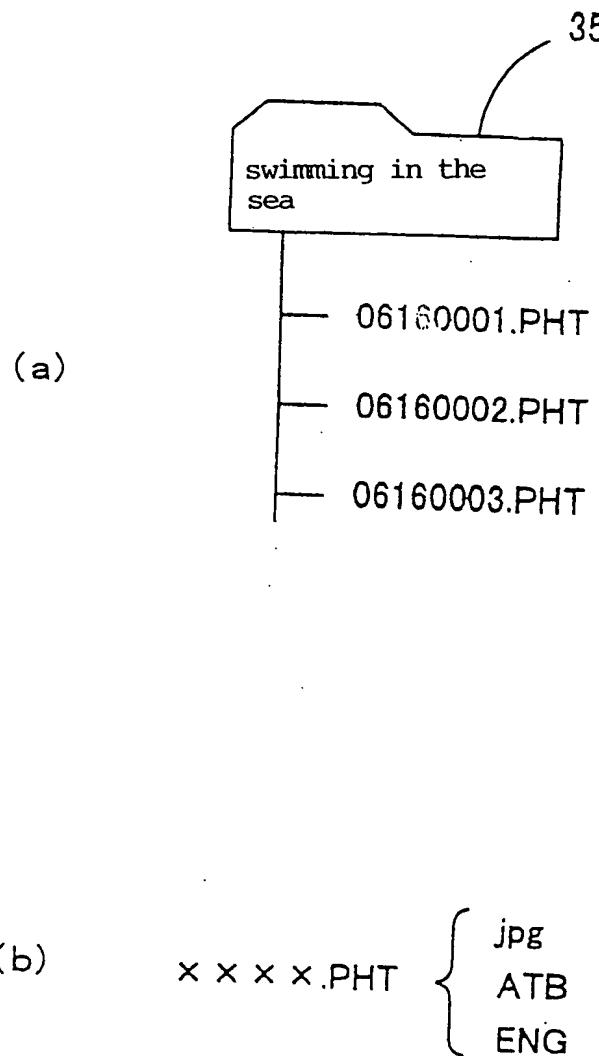
48/62

Fig. 48



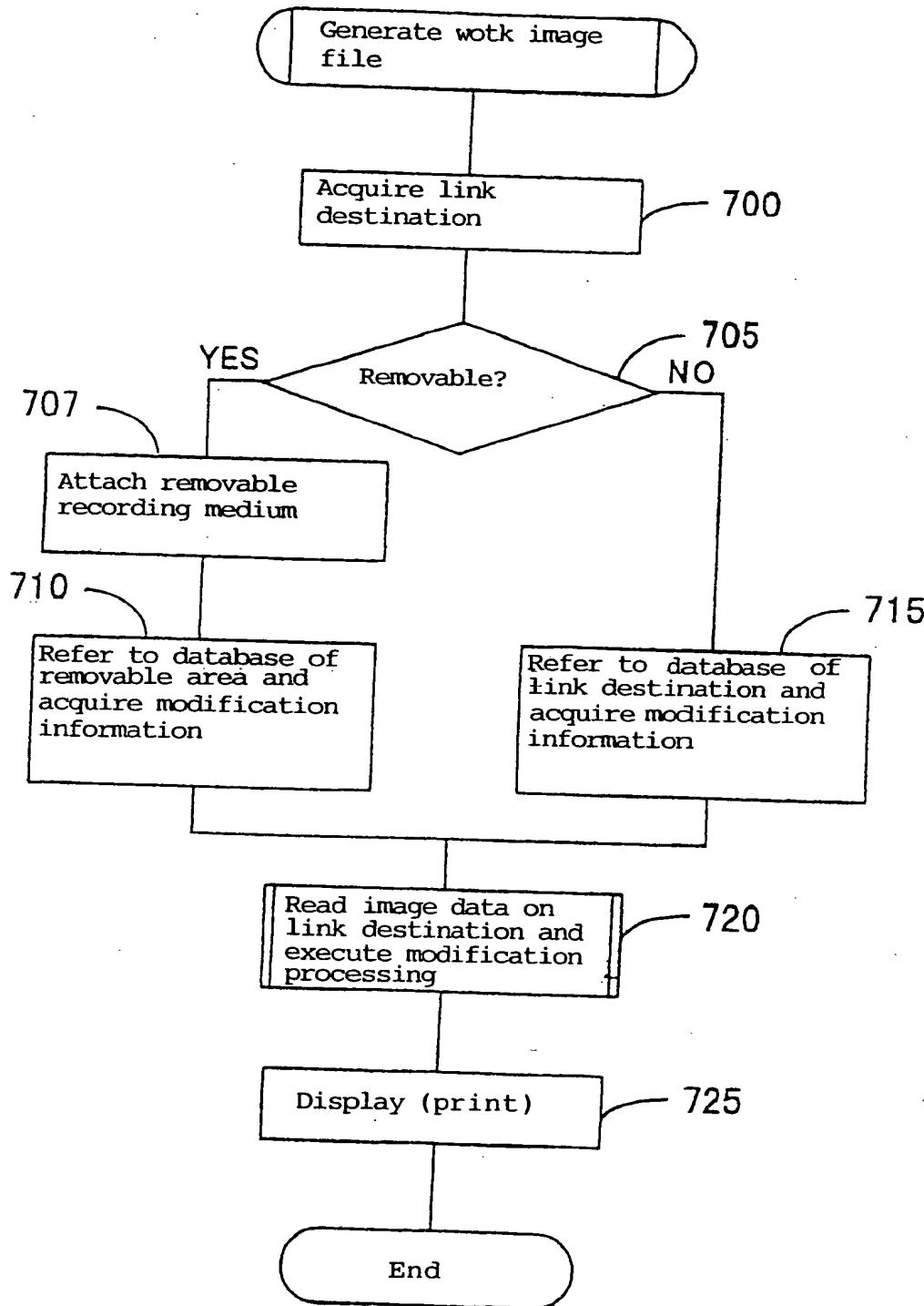
49/62

Fig. 49



50/62

Fig. 50.



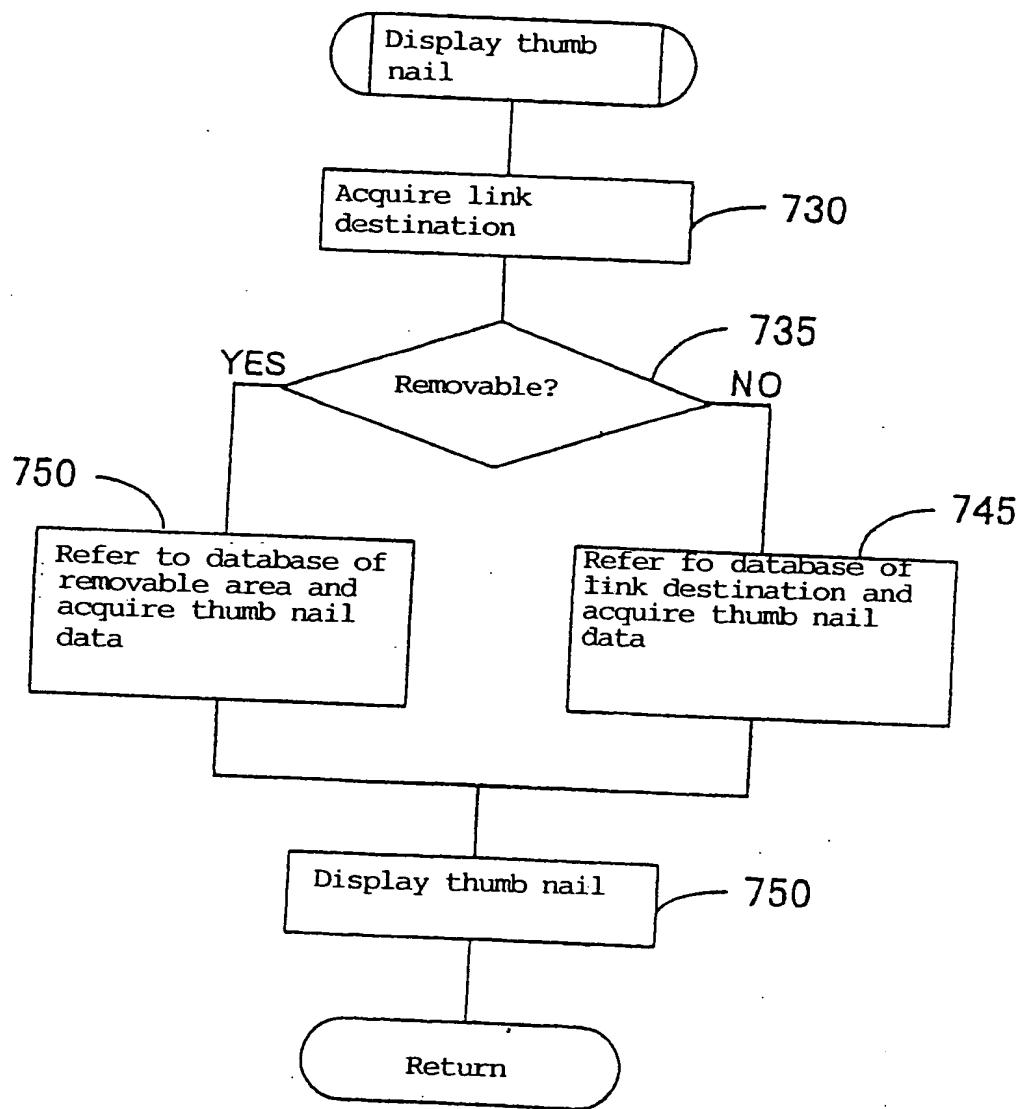
51/62

Fig. 51

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private :  
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    char [1000]     f_PICT ;
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52/62

Fig. 52



53/62

Fig. 53

processing	engine	order	processing intensity
automatic image modification	V1	1	1
brightness	V1	0	0
contrast	V1	0	0
red	V1	0	0
green	V1	0	0
blue	V1	0	0

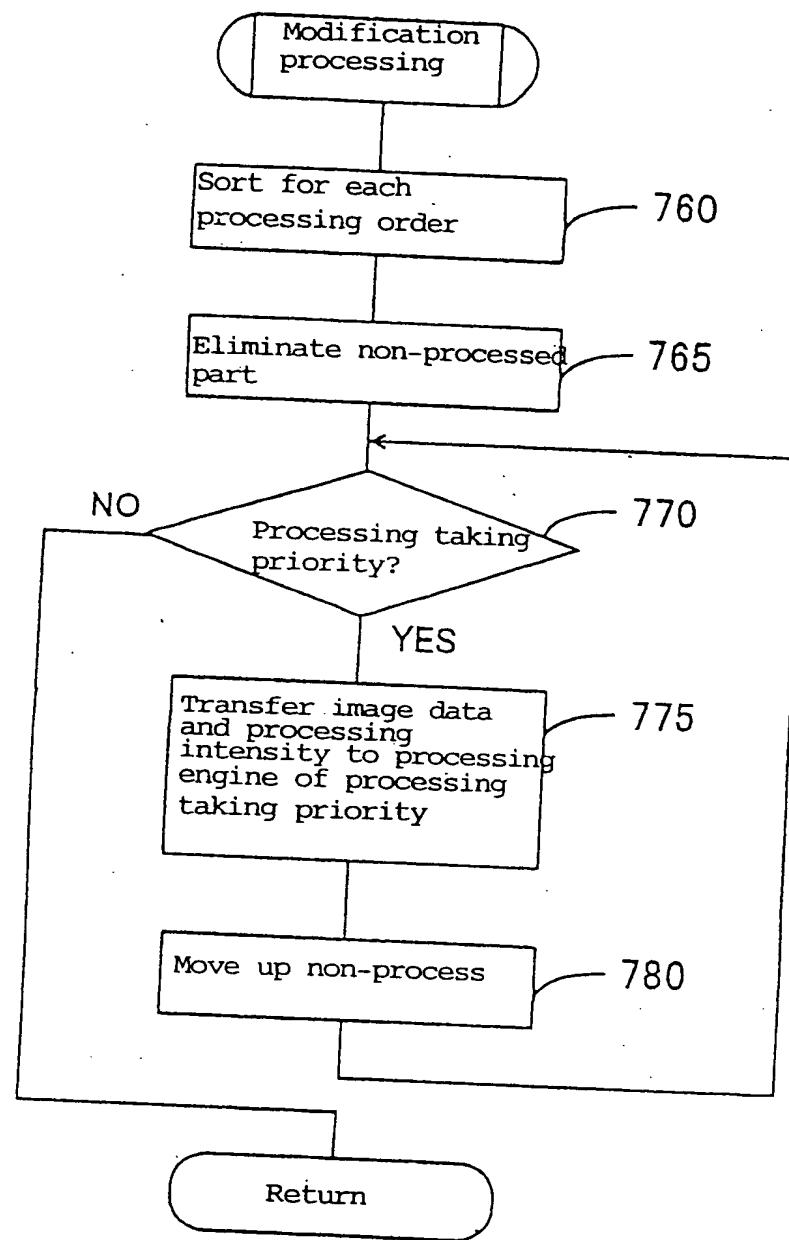
(a)

processing	engine	order	processing intensity
automatic image modification	V1	0	0
brightness	V2	4	+2
contrast	V2	5	+3
red	V2	1	+1
green	V2	2	+1
blue	V2	3	-1

(b)

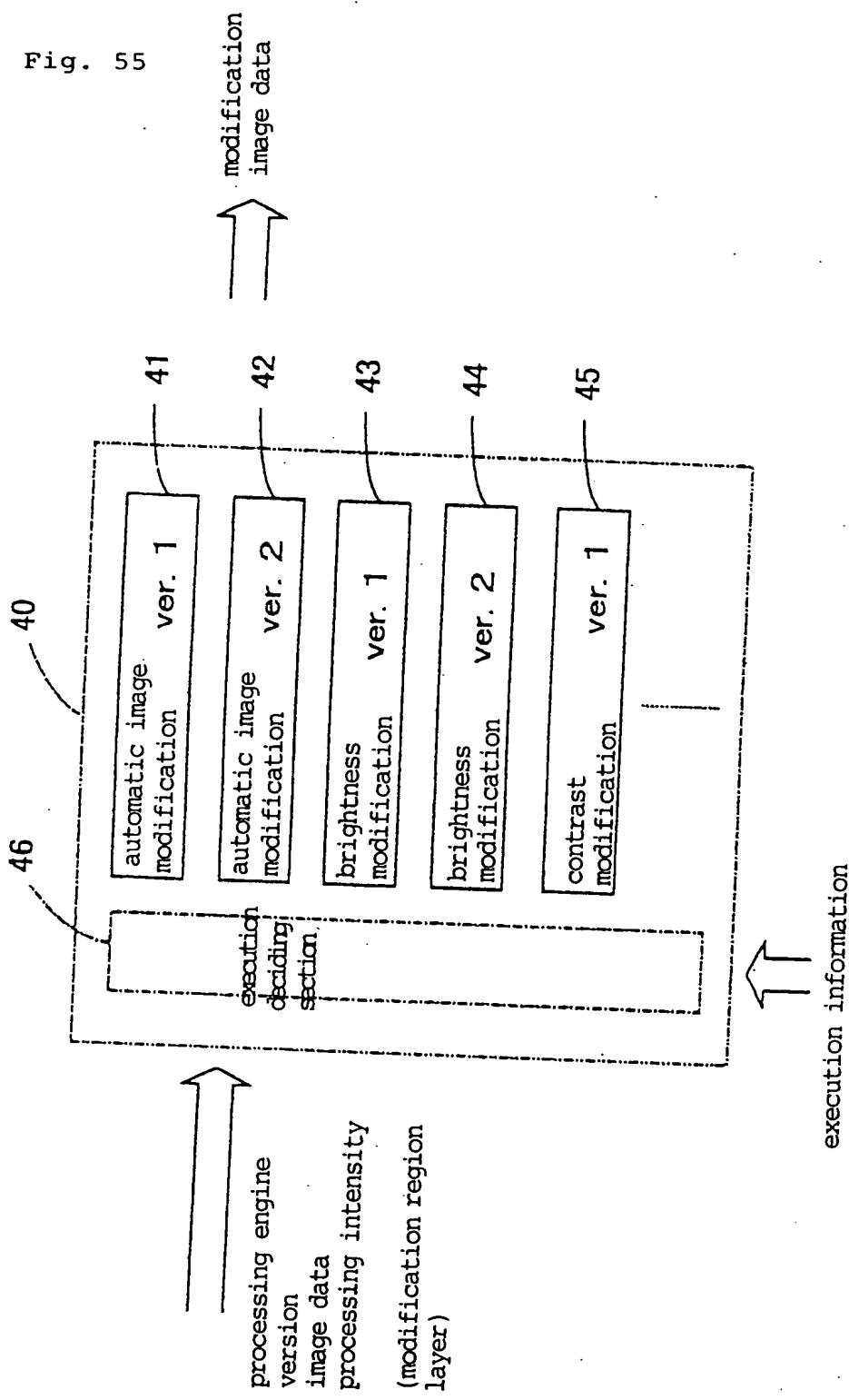
54/62

Fig. 54



55/62

Fig. 55



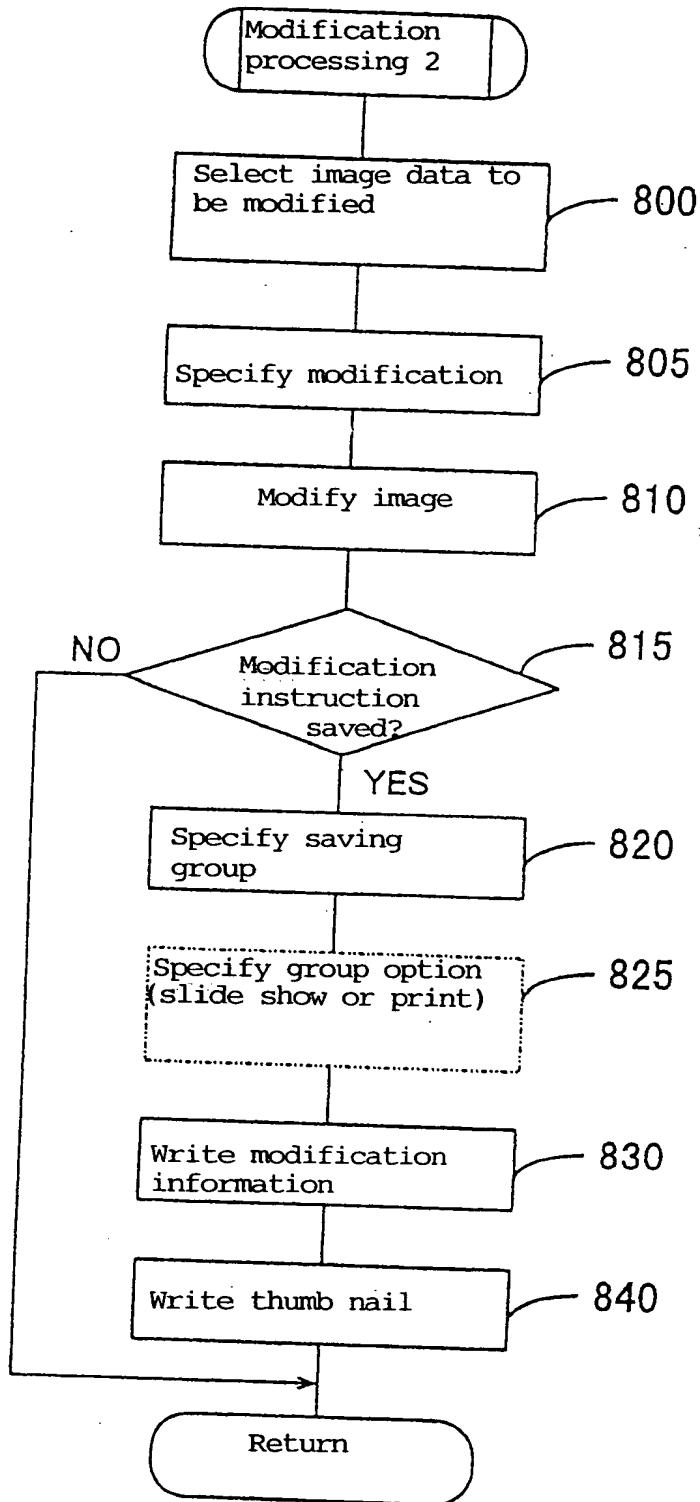
56/62

Fig. 56

group	processing	engine	order	processing intensity
1	automatic image modification	V1	1	1
	brightness	V1	0	0
	contrast	V1	0	0
	red	V1	0	0
	green	V1	0	0
	blue	V1	0	0
2	automatic image modification	V1	0	0
	brightness	V1	1	2
	contrast	V1	1	1
	red	V1	0	0
	green	V1	0	0
	blue	V1	0	0

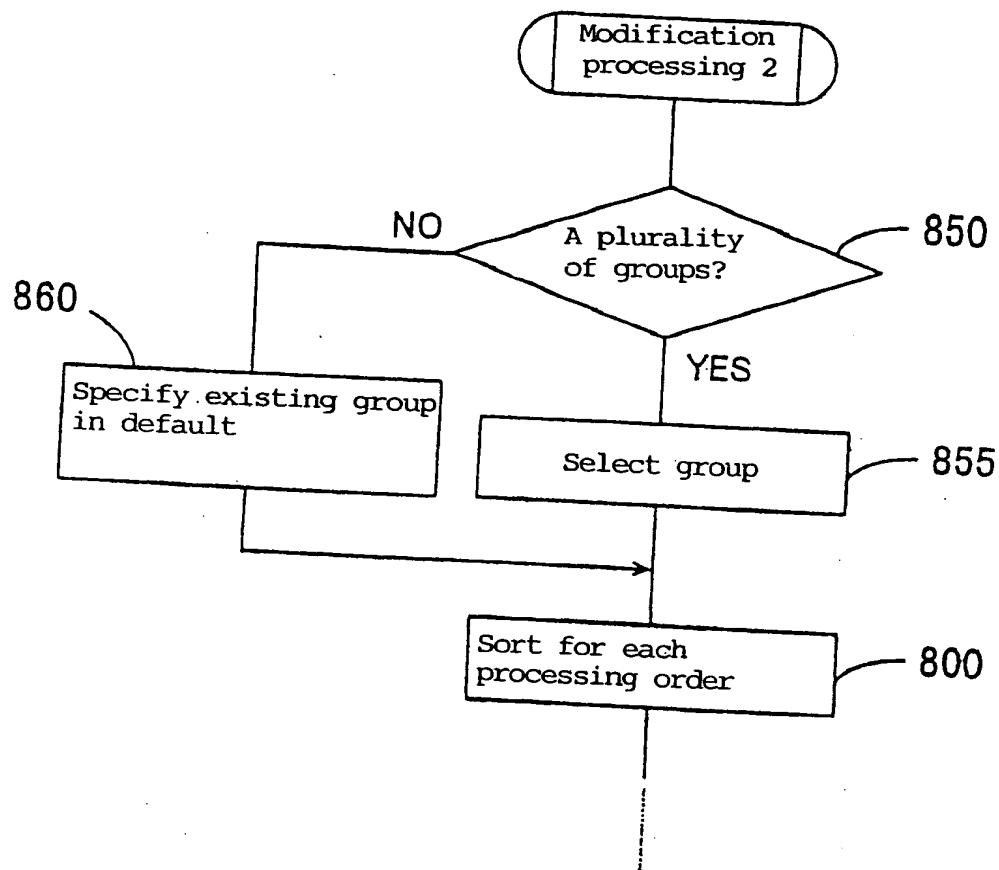
57/62

Fig. 57



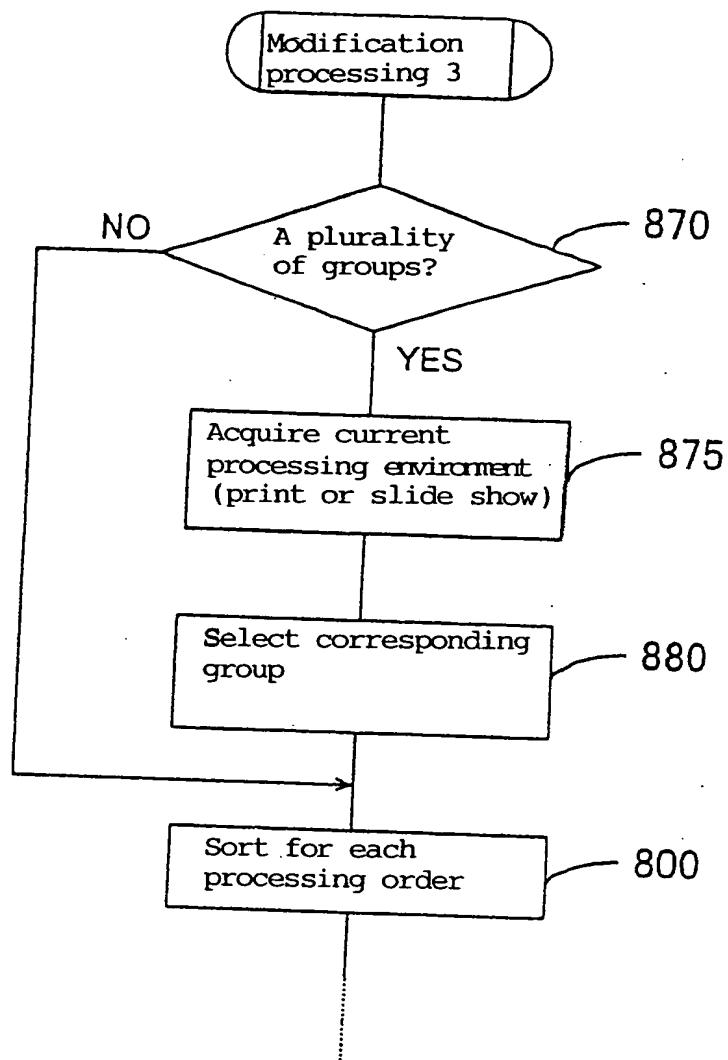
58/62

Fig. 58



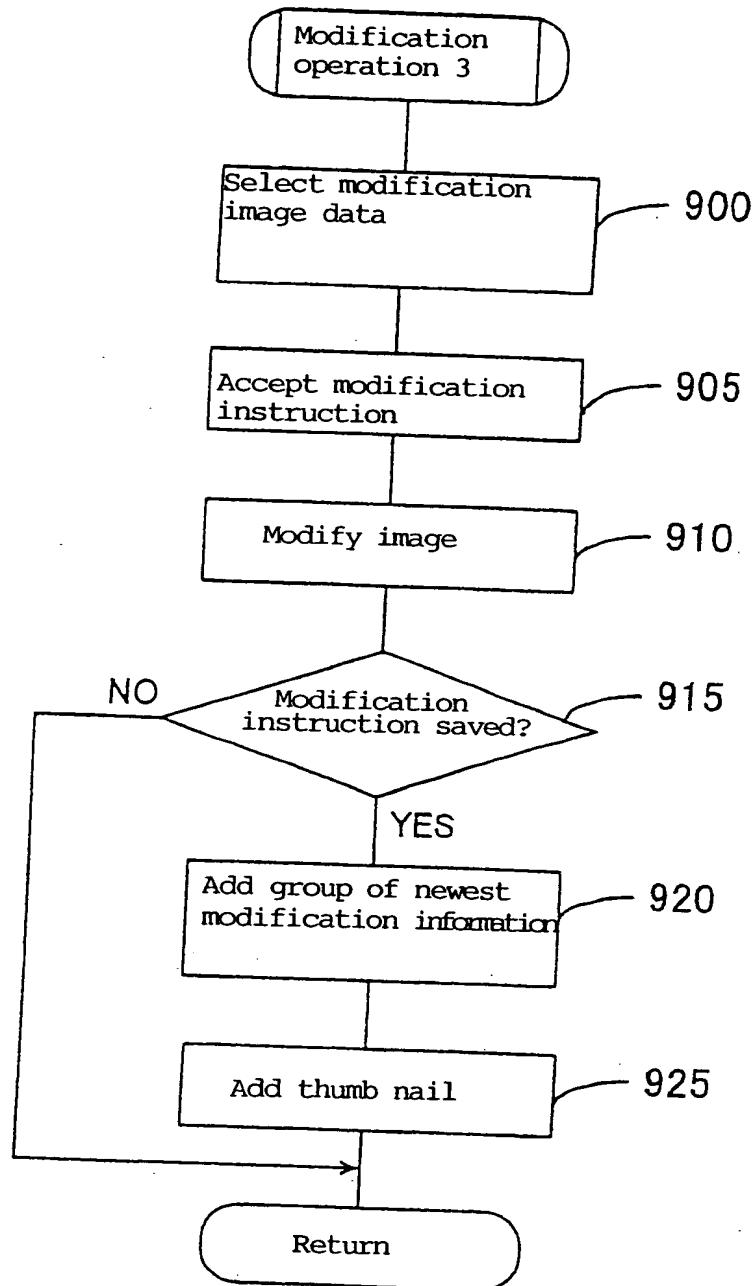
59/62

Fig. 59



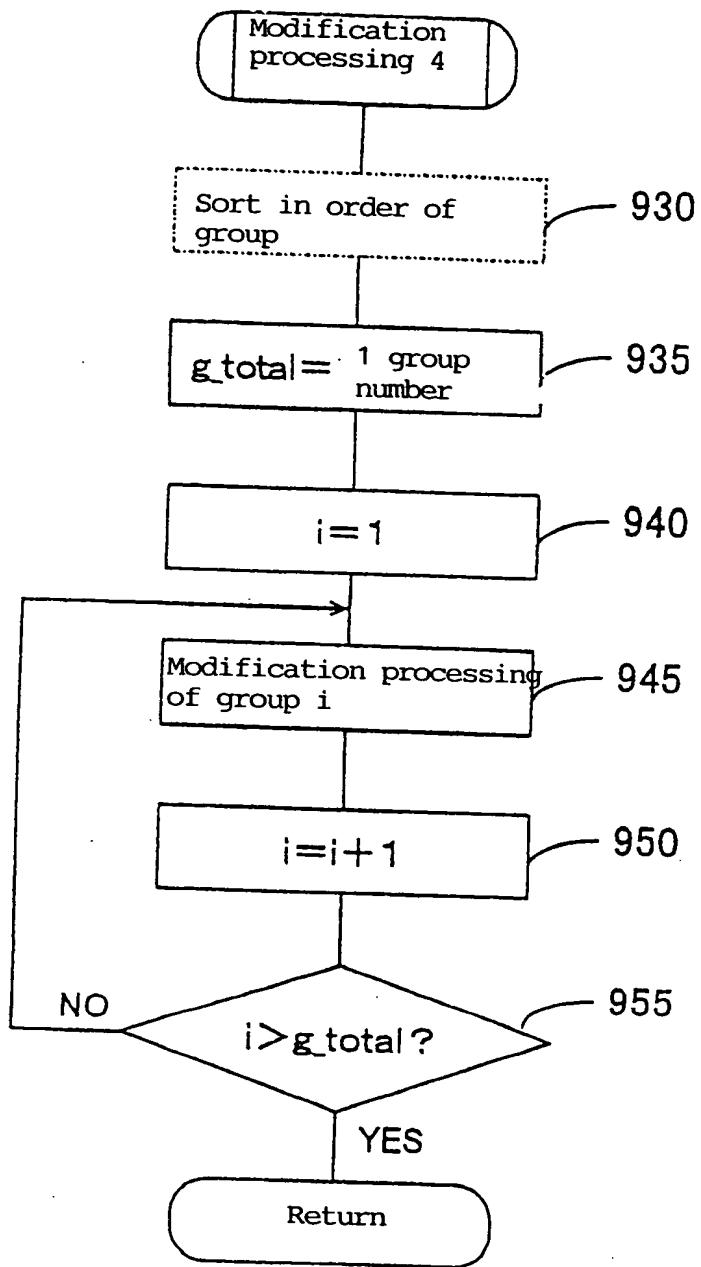
60/62

Fig. 60



61/62

Fig. 61



62/62

Fig. 62

